

FIG.1

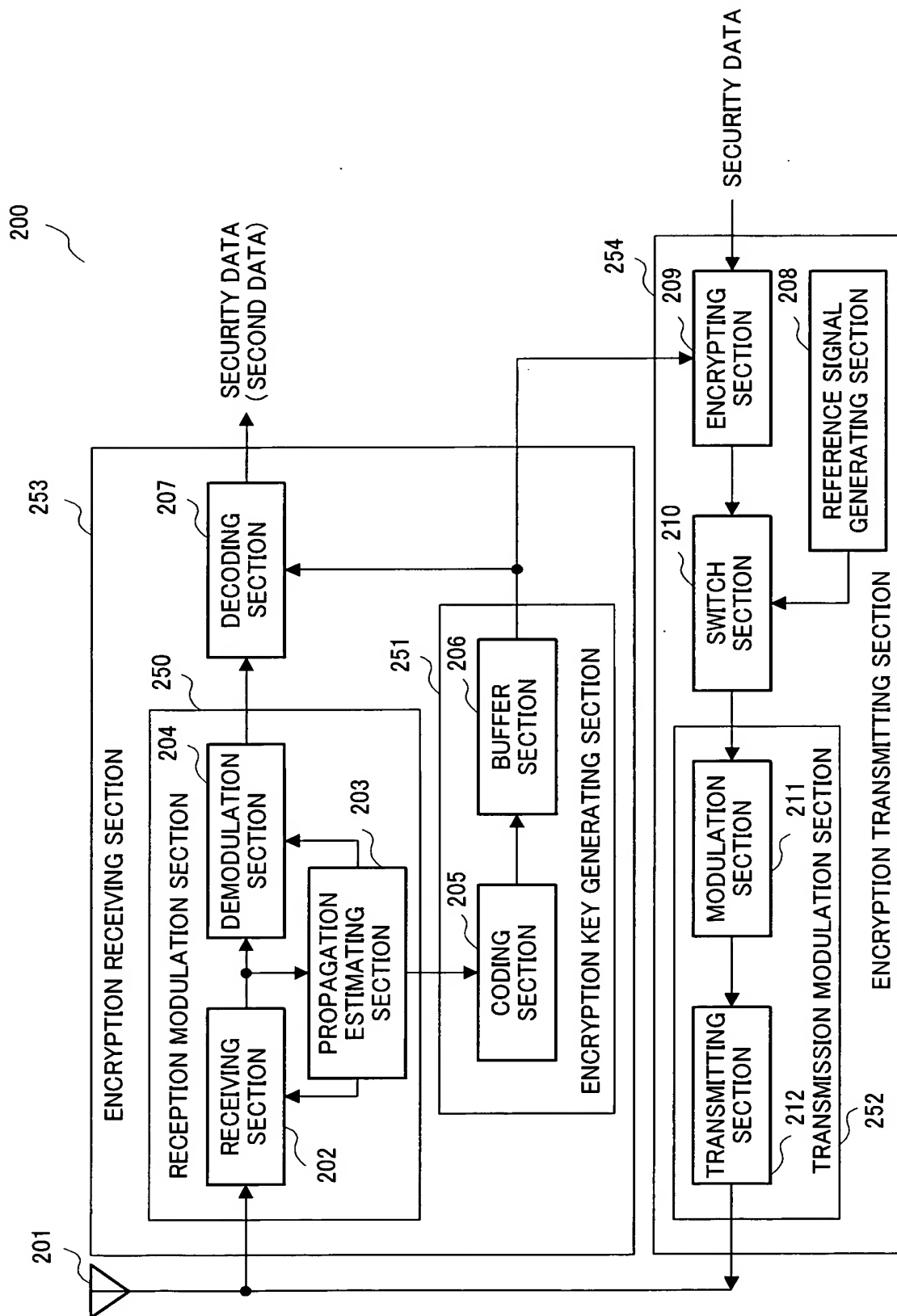


FIG.2

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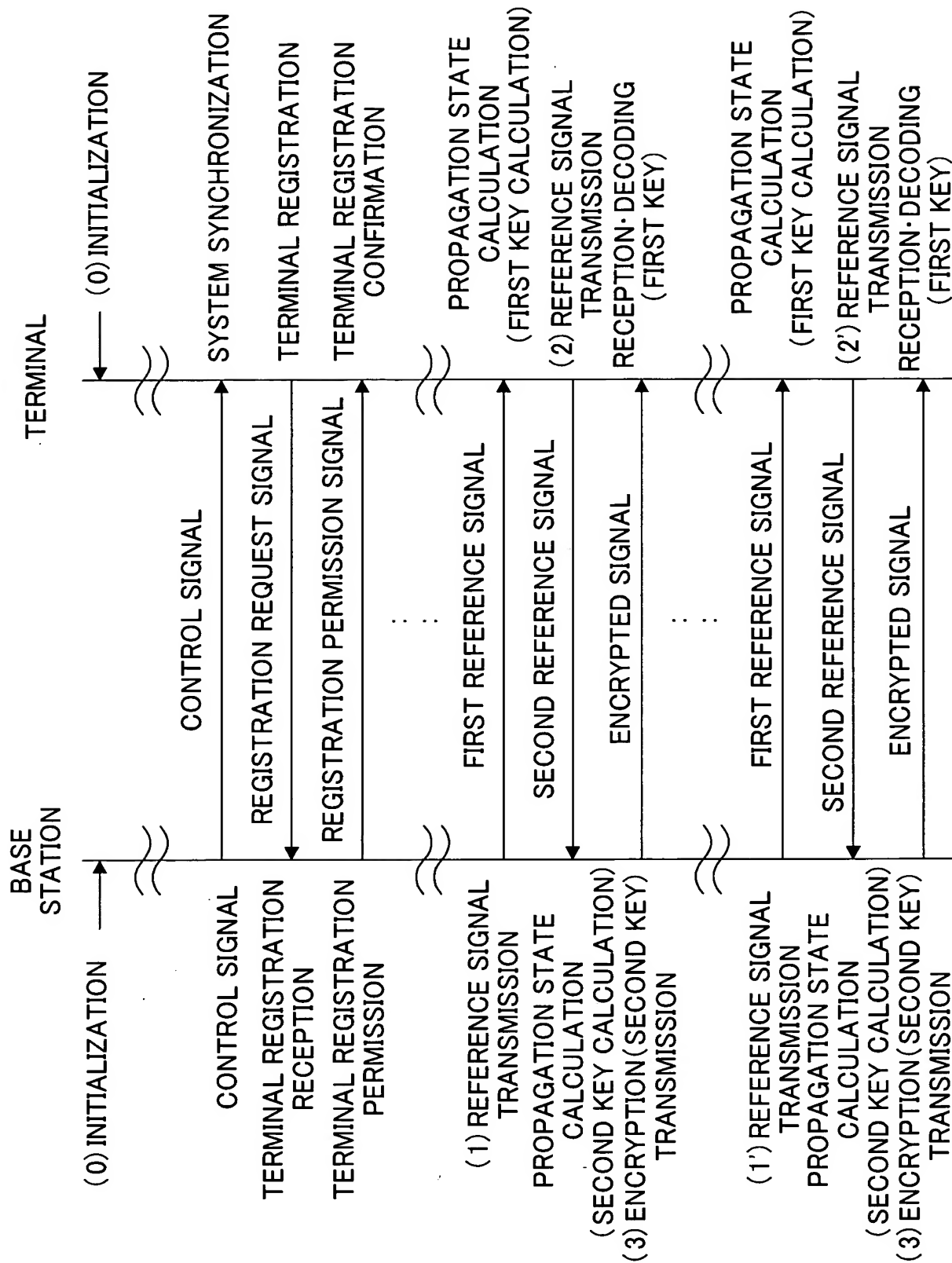


FIG.3

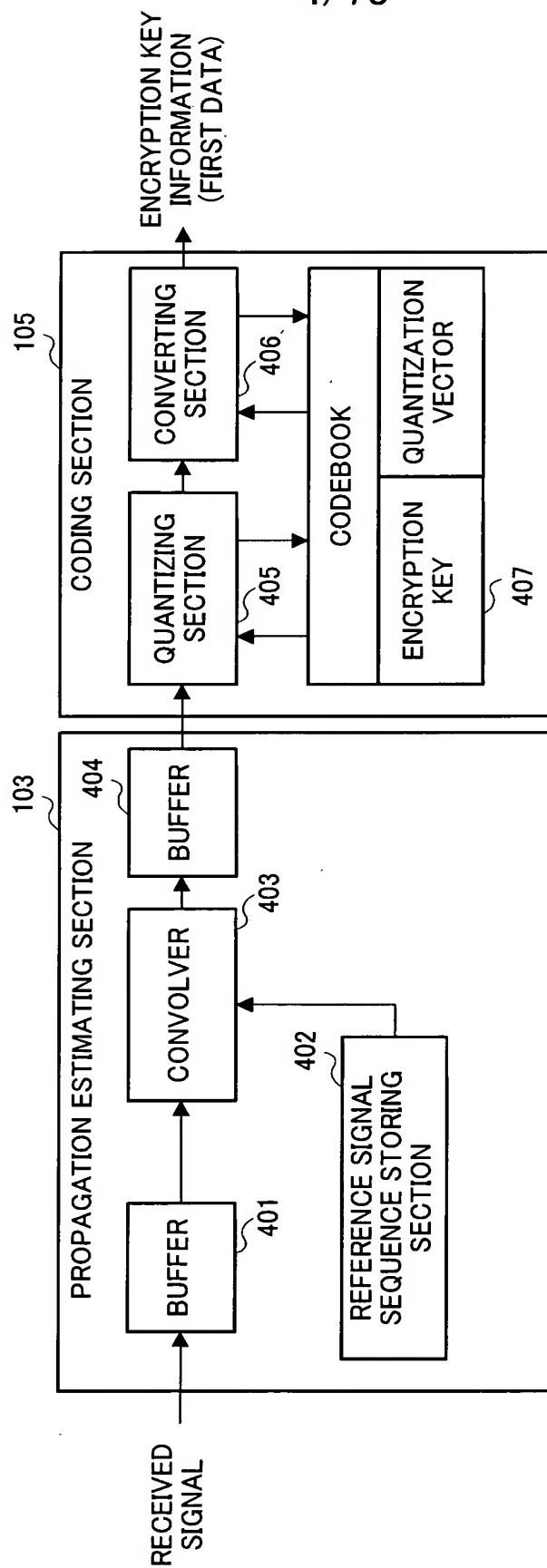


FIG. 4









CODEBOOK	
QUANTIZATION VECTOR	ENCRYPTION KEY
	aAnPoCgk
	Yncwkopq
	BemIngT
	qCTuNVpz
	RkPoCvvW
	uCqDGwpo
	LfUUFzcc
	IlueGenc

FIG.5

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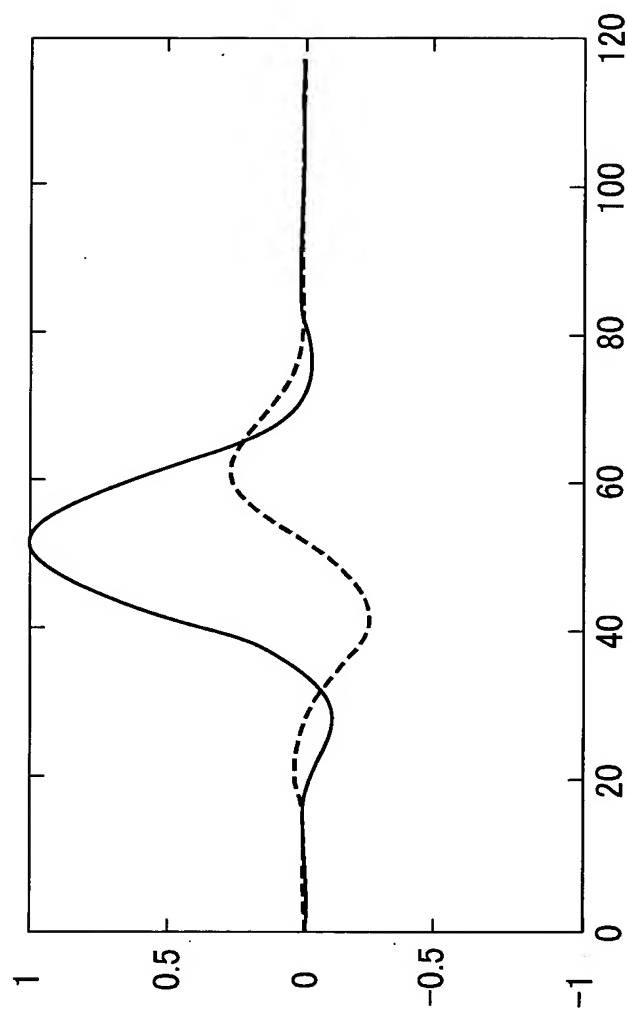


FIG.6

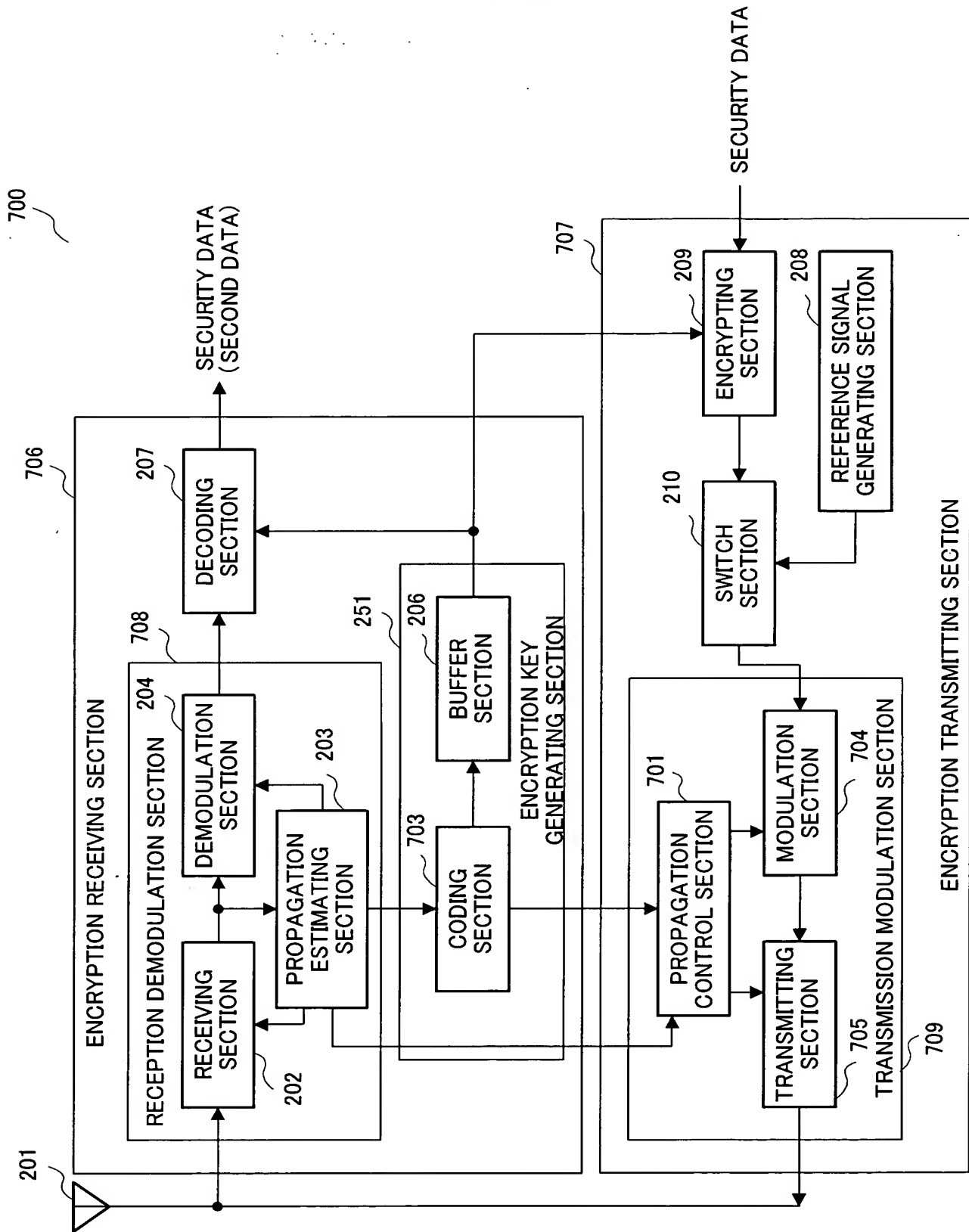


FIG. 7

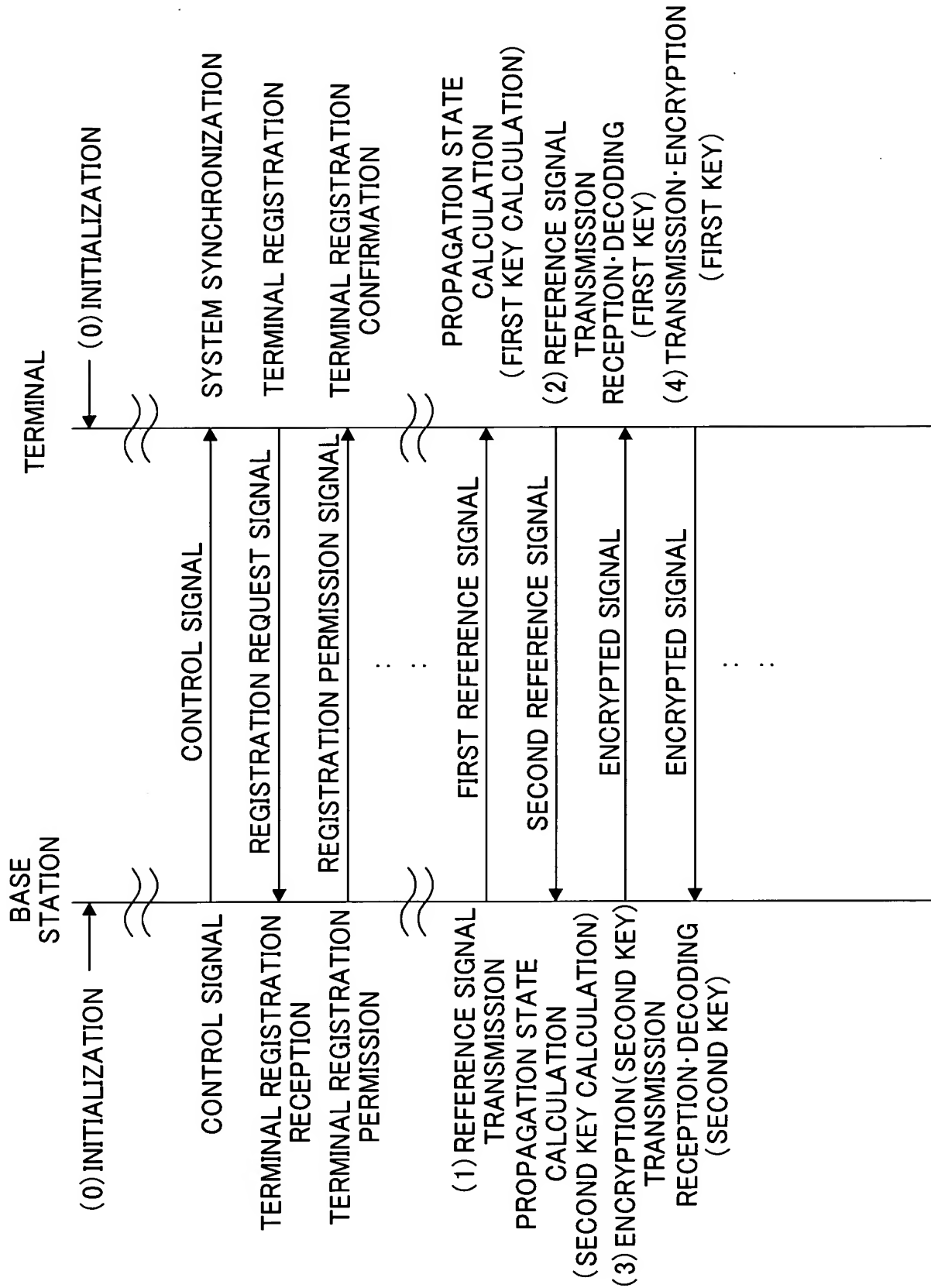


FIG.8



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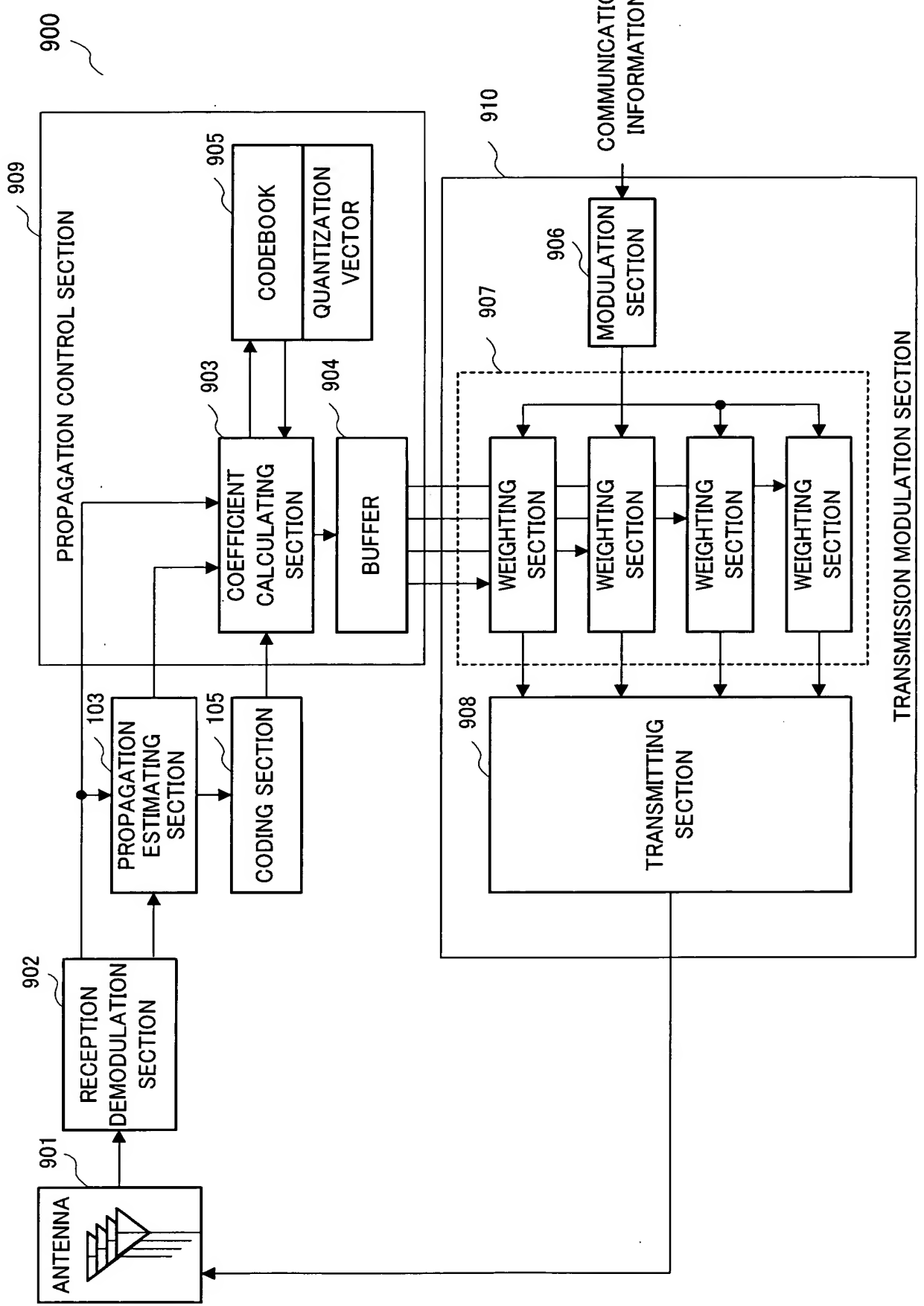


FIG. 9

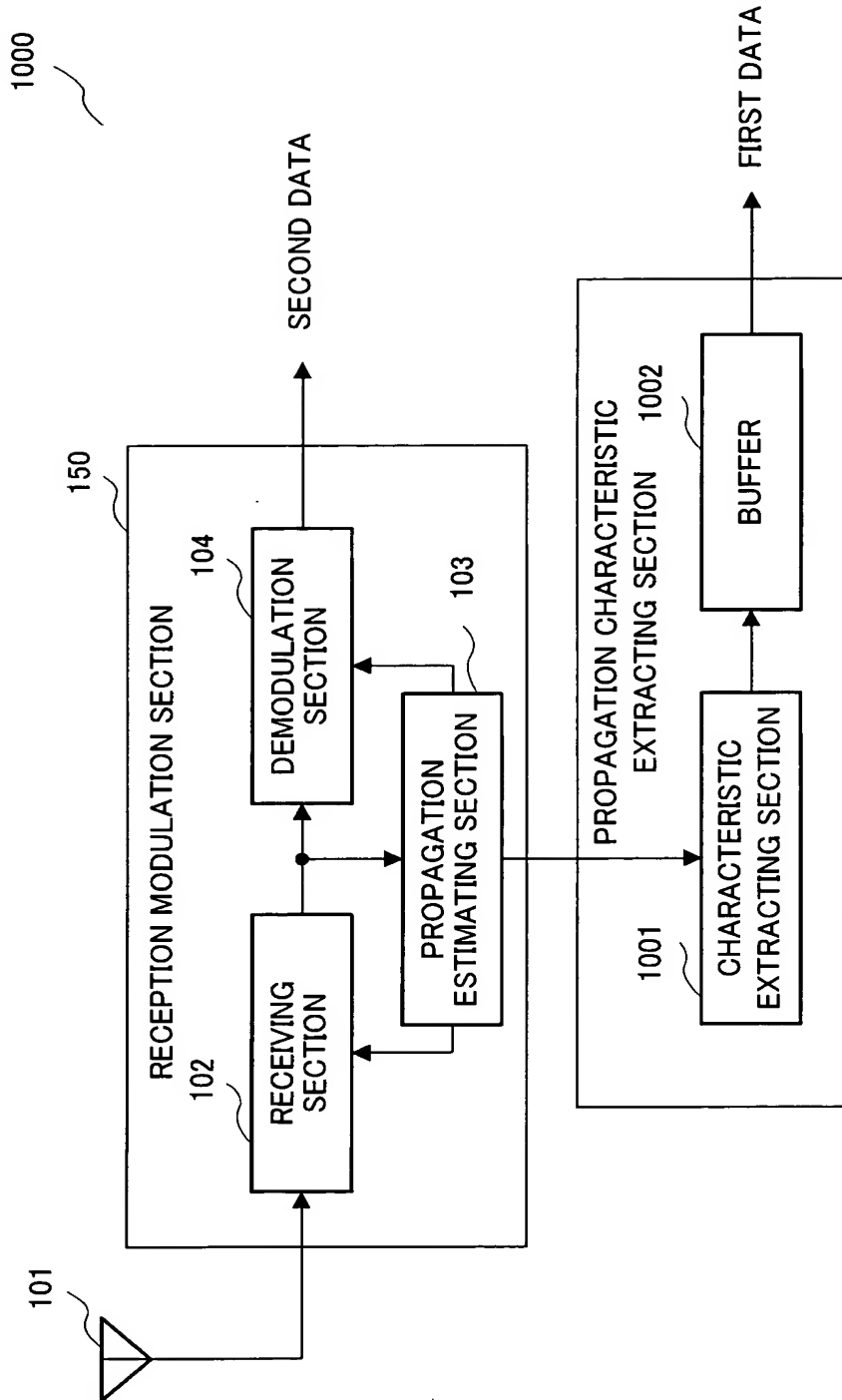


FIG.10

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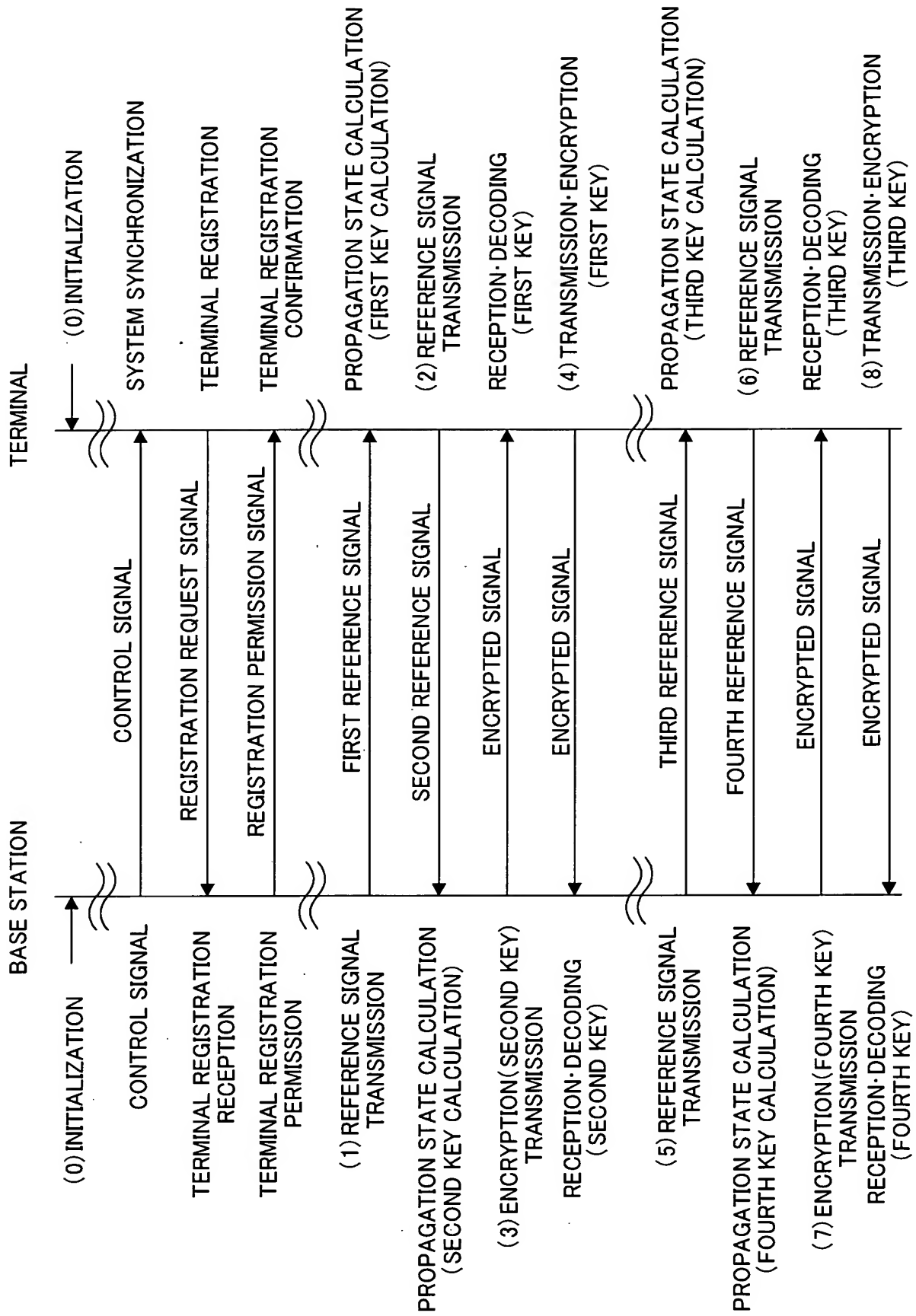


FIG.11

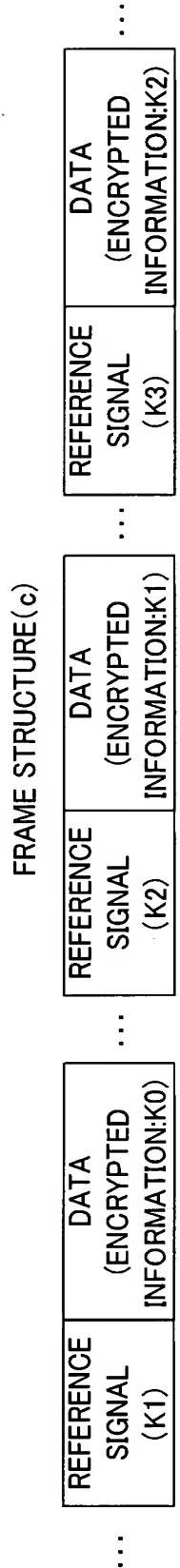
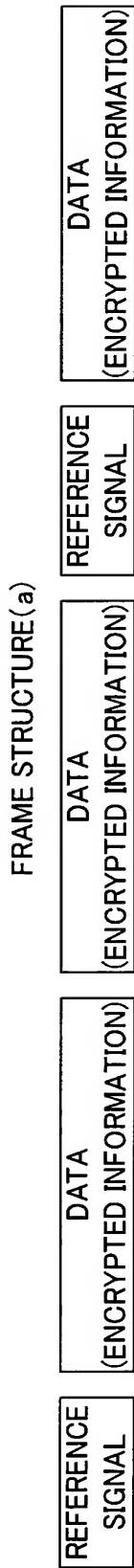


FIG.12

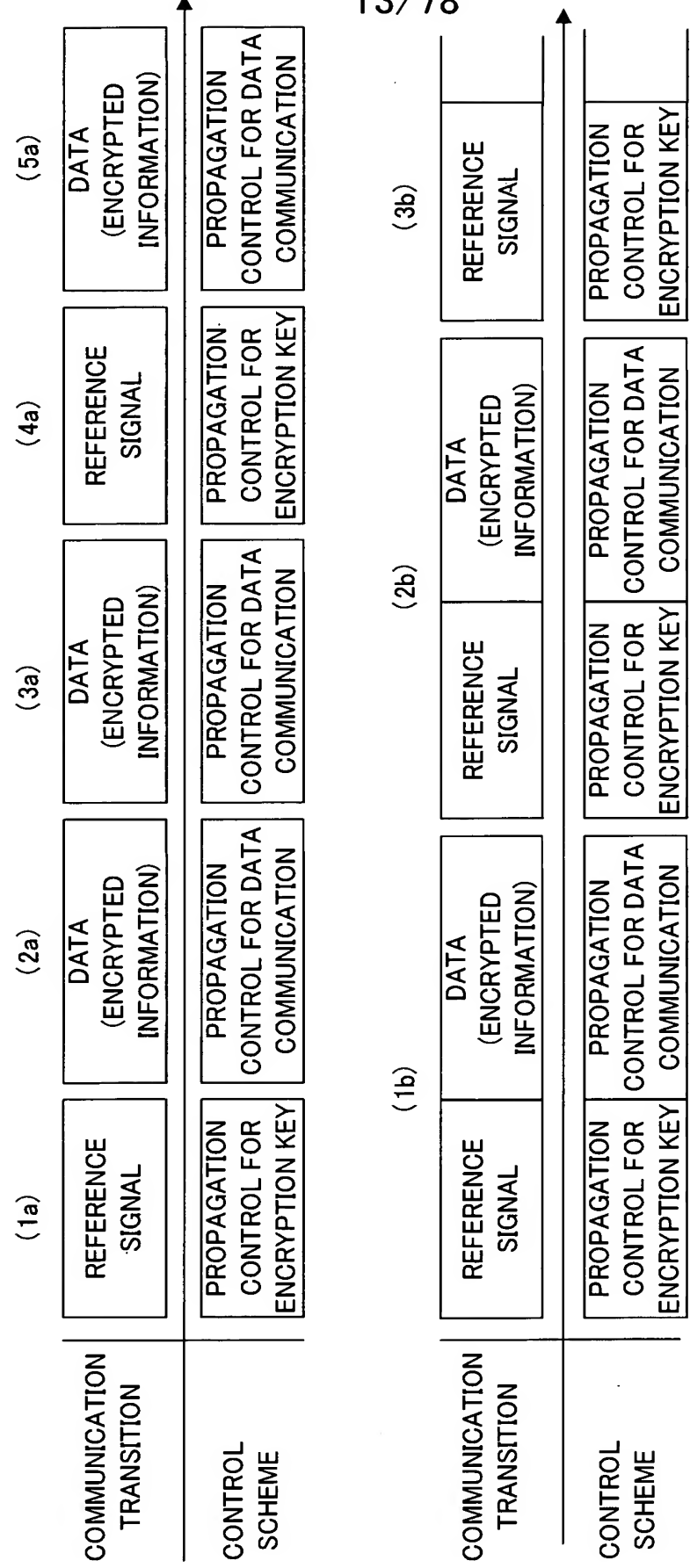


FIG.13

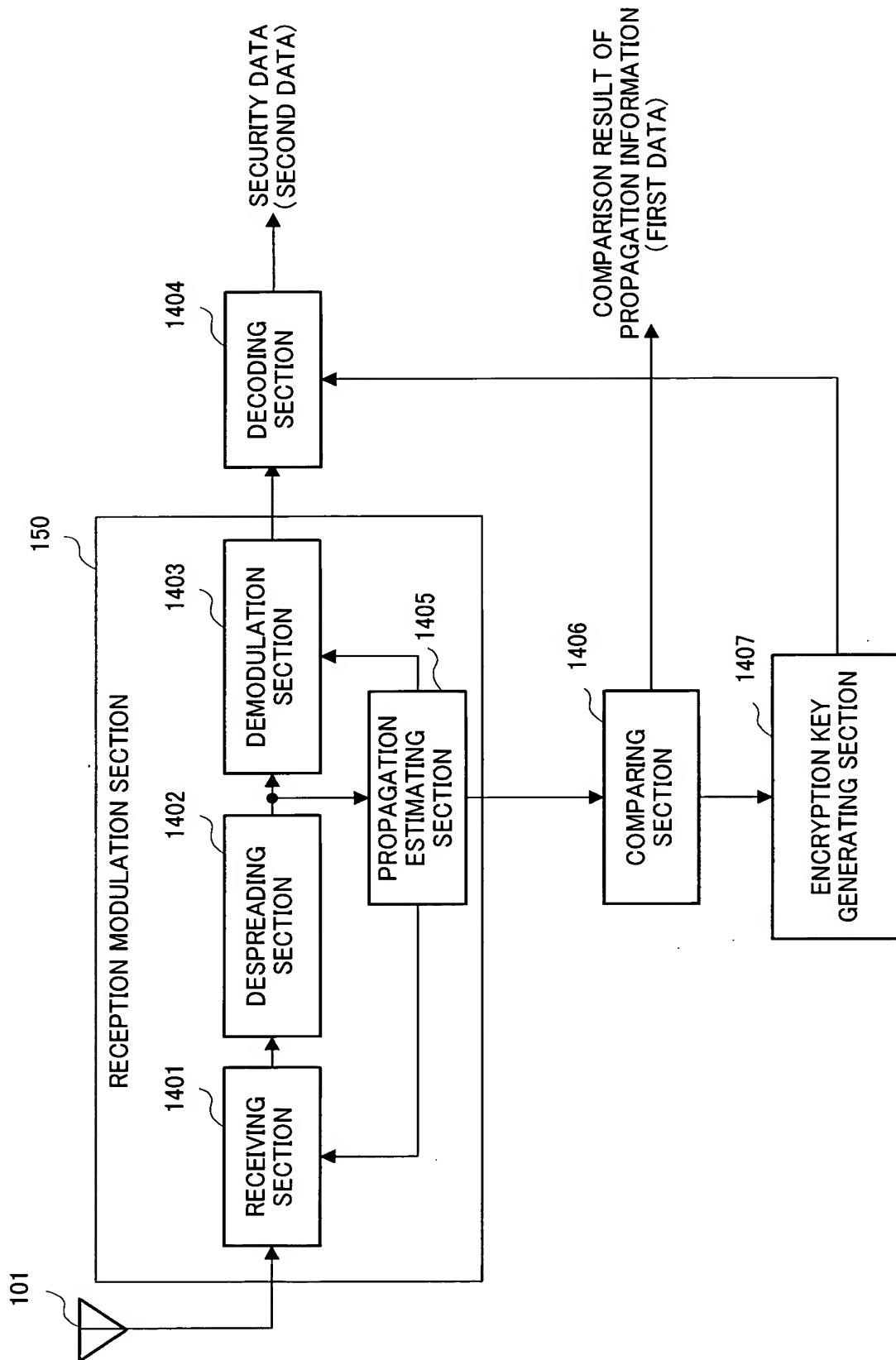


FIG.14

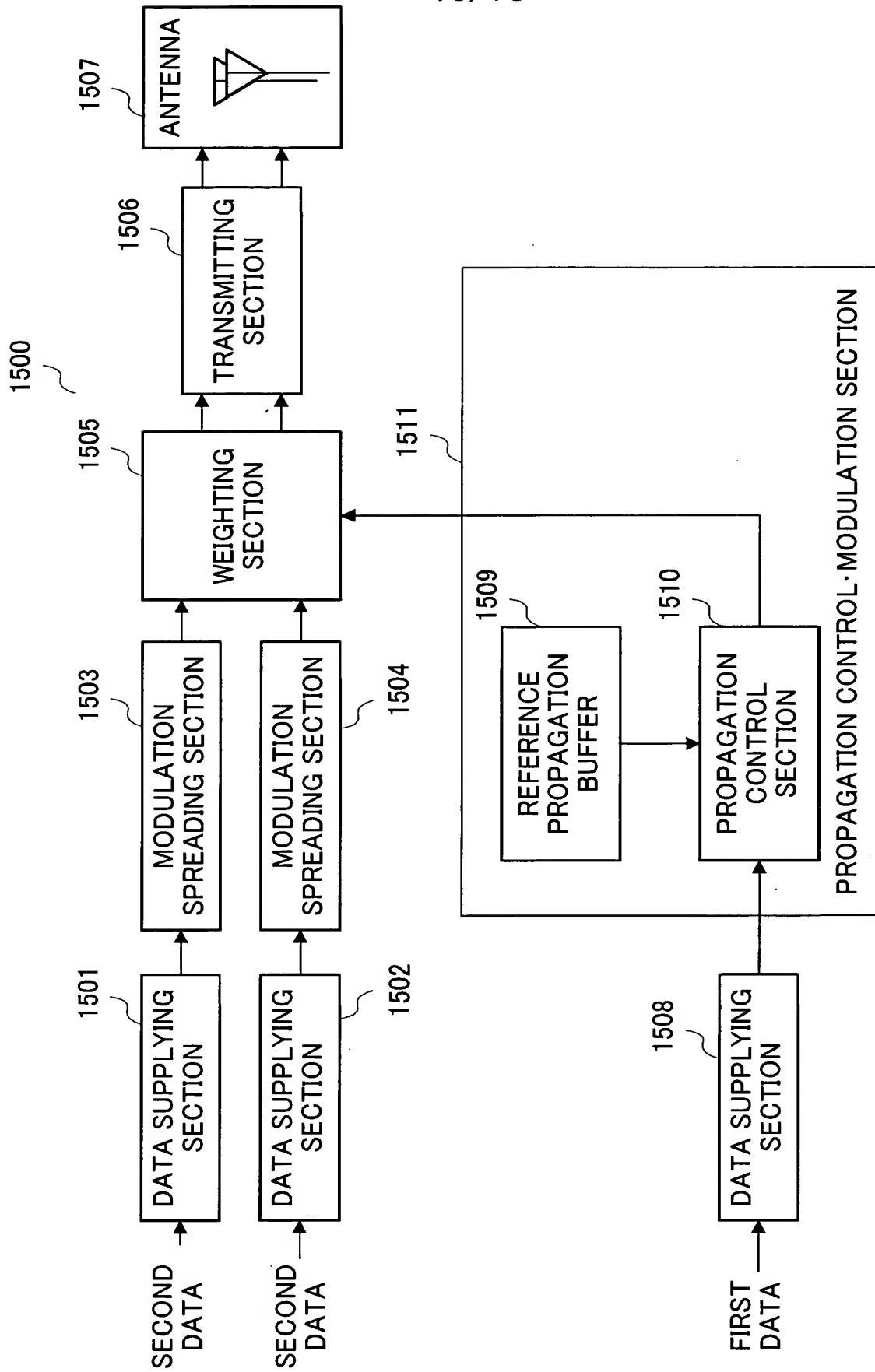


FIG.15

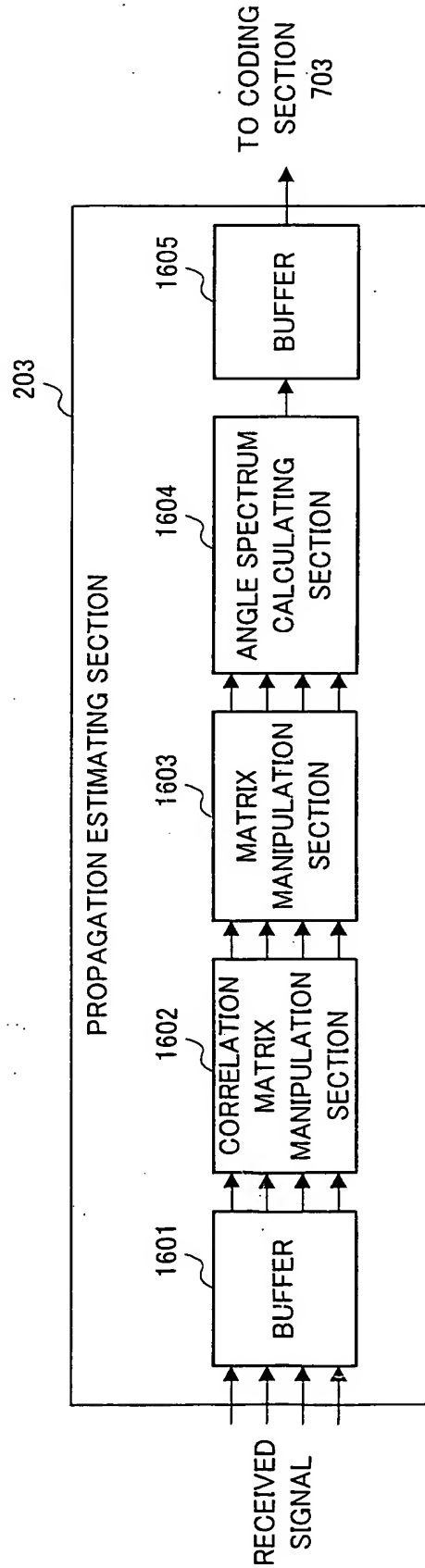
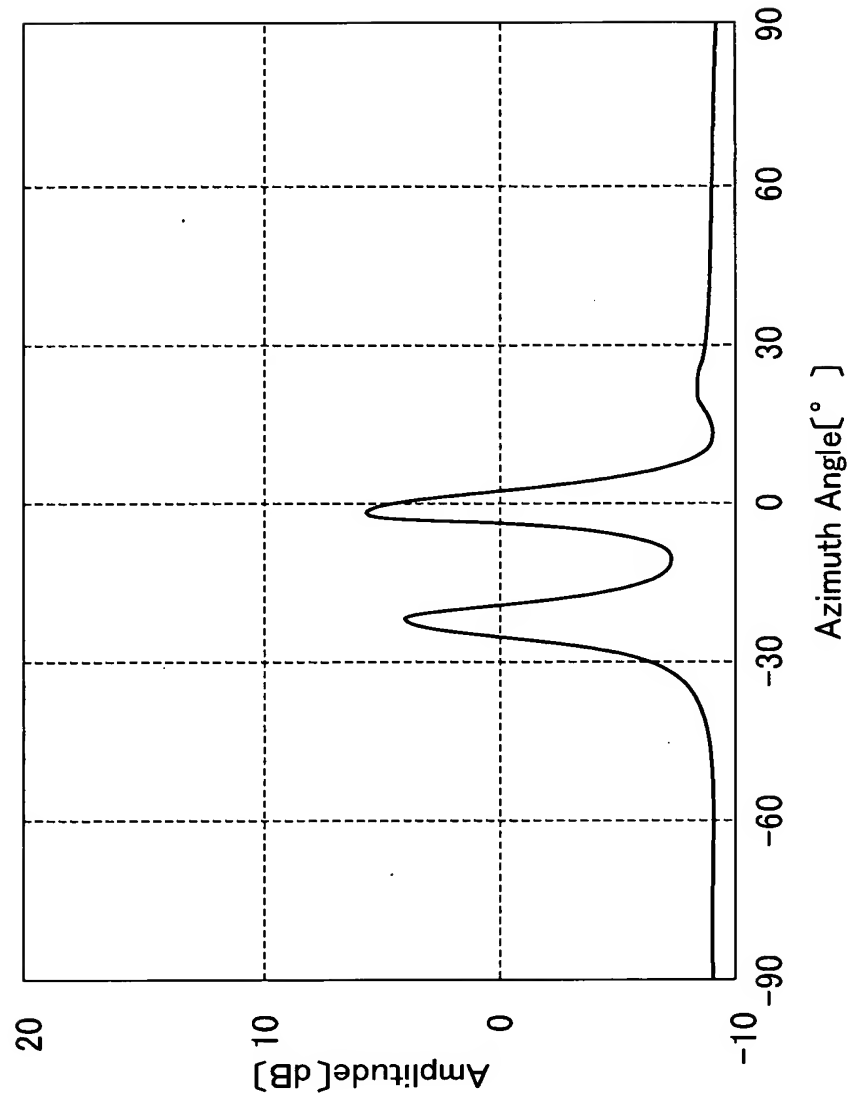


FIG.16



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ESTIMATION OF THE  
DIRECTION OF ARRIVAL

FIG.17

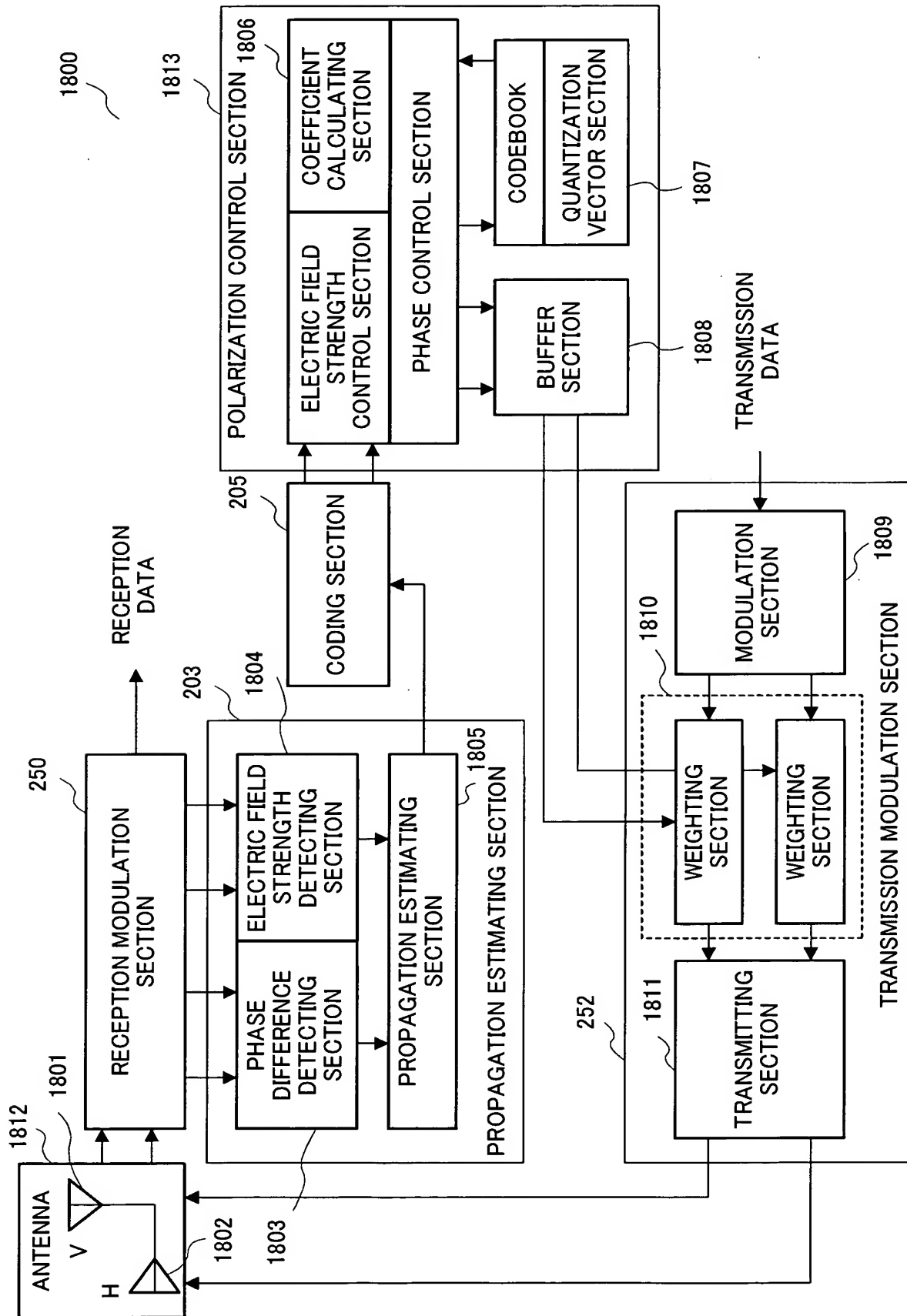


FIG. 18

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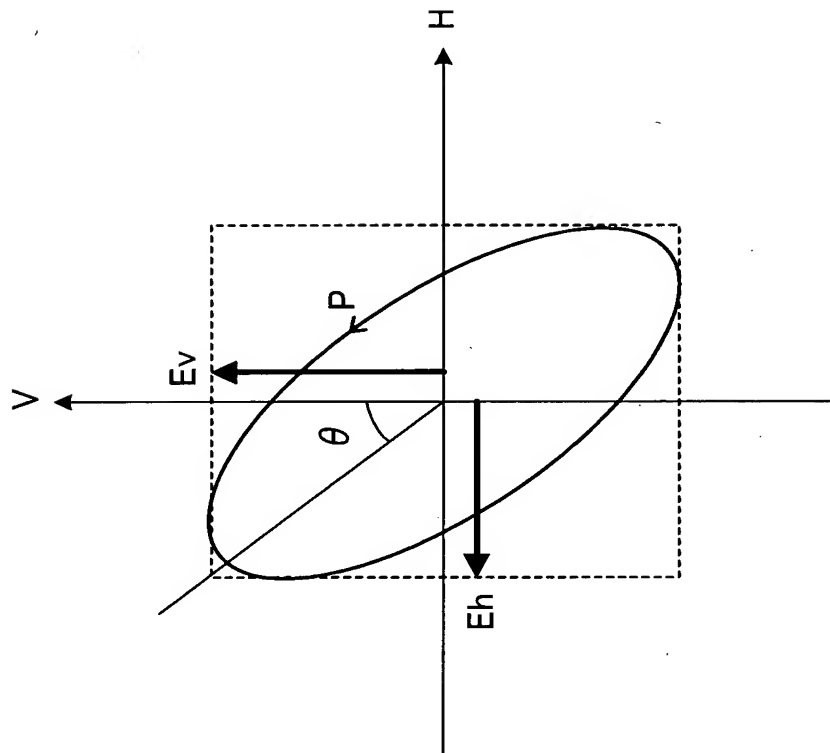


FIG.19

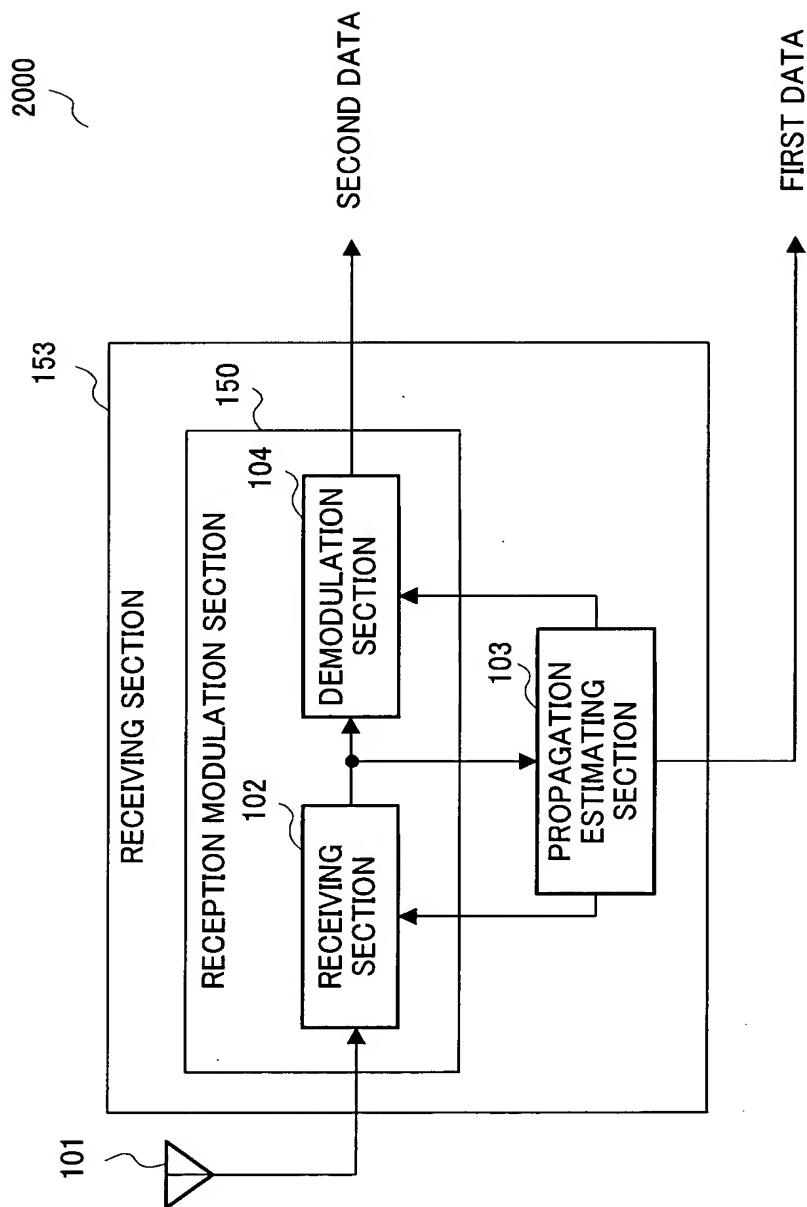


FIG.20

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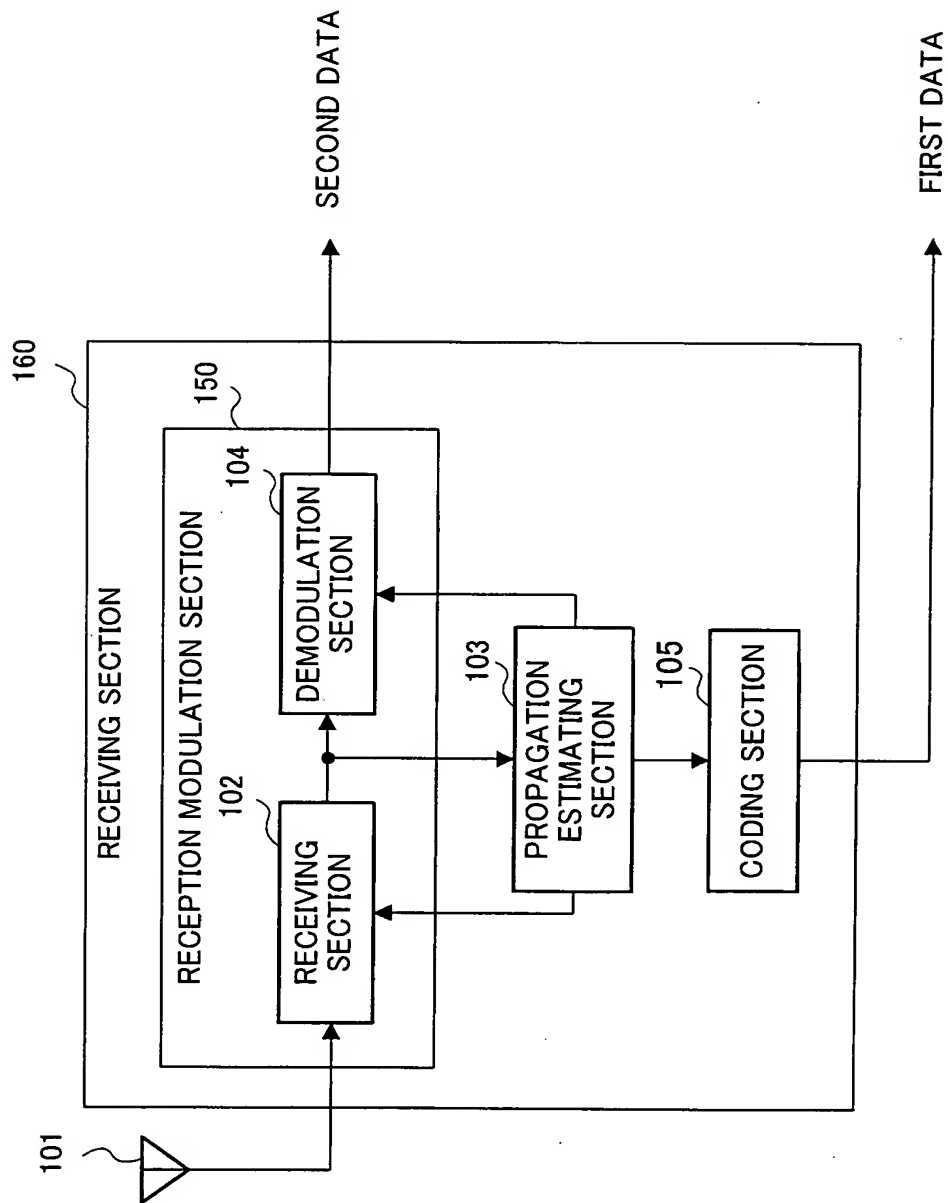


FIG.21

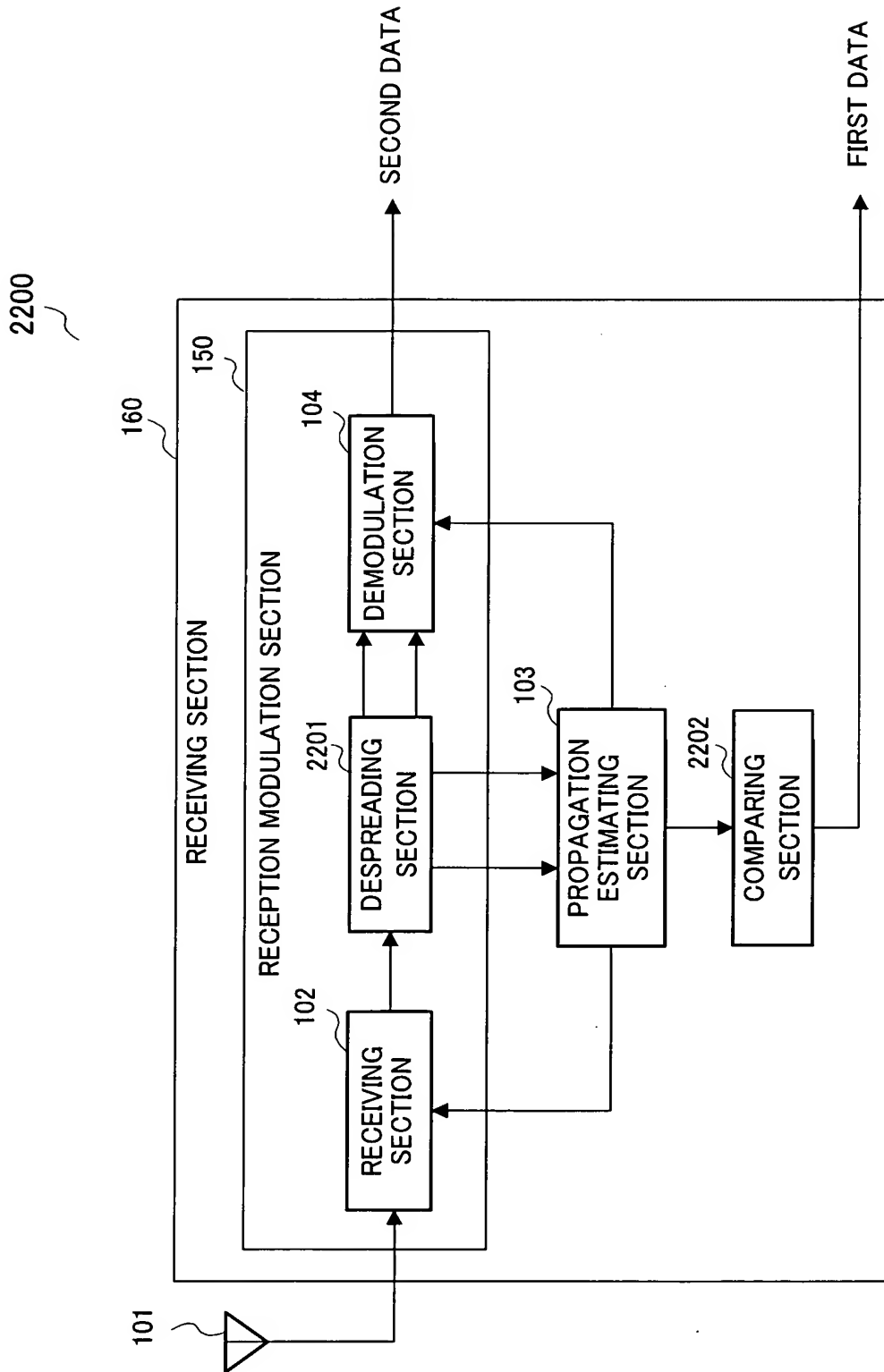


FIG.22

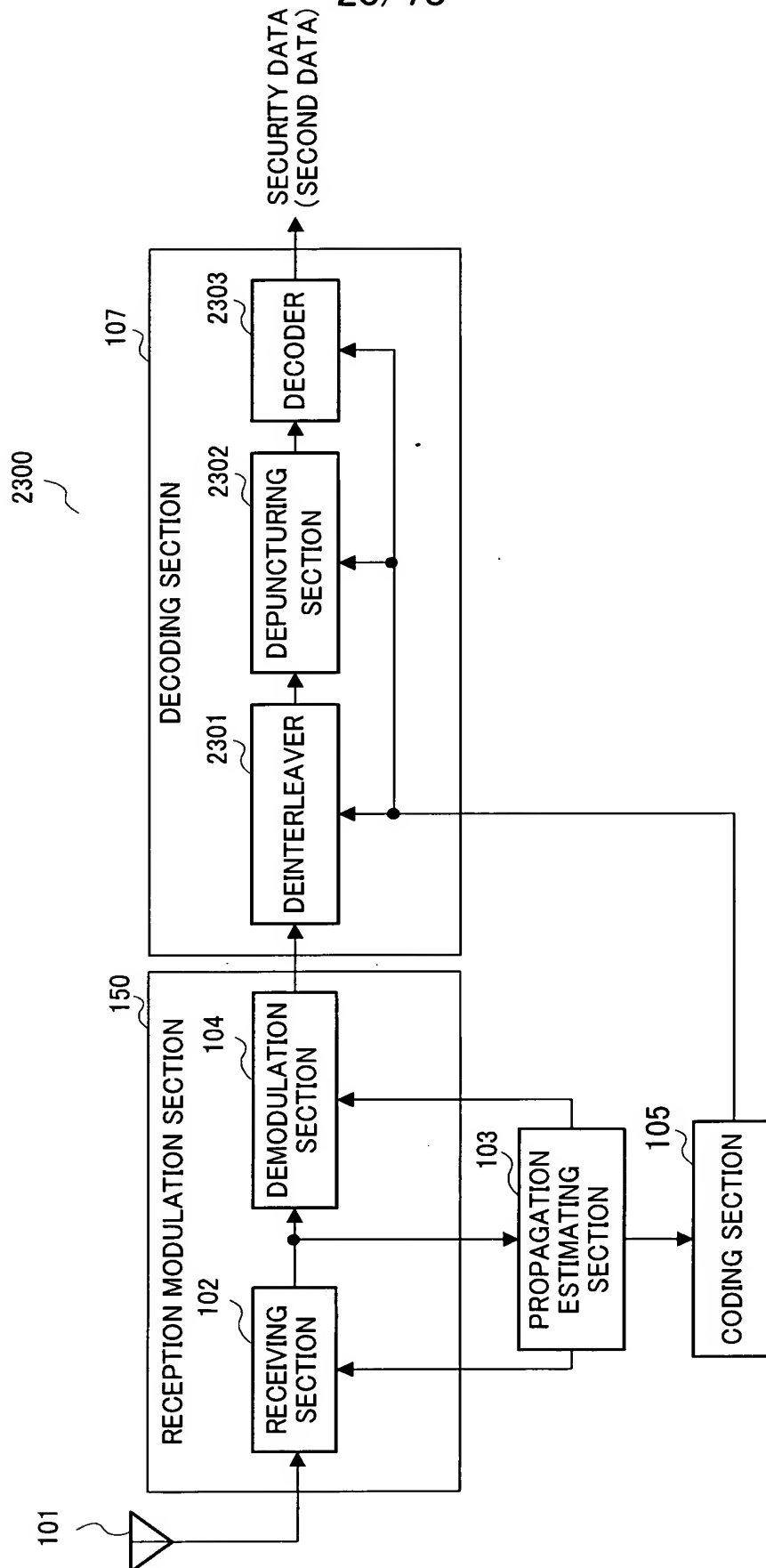
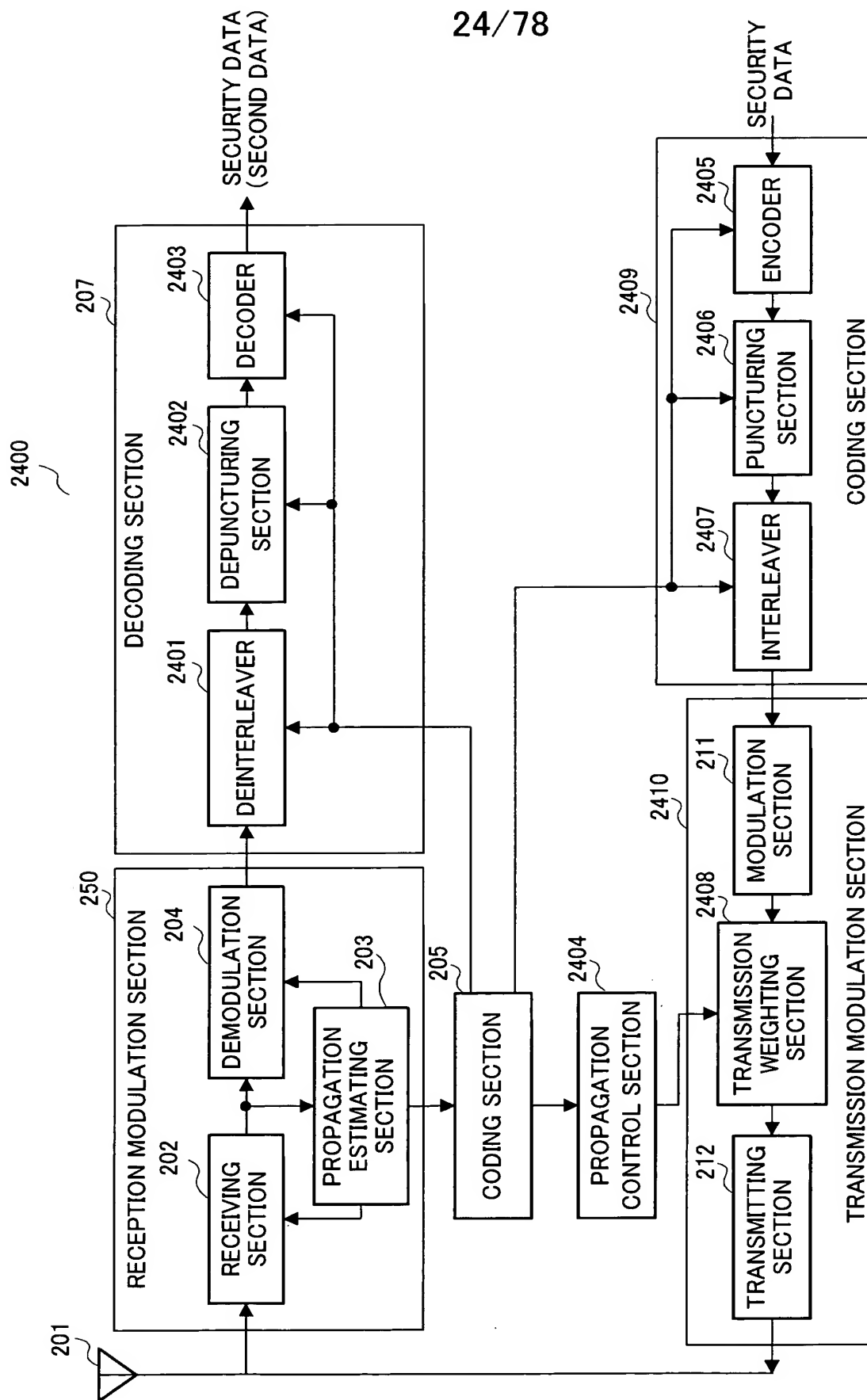
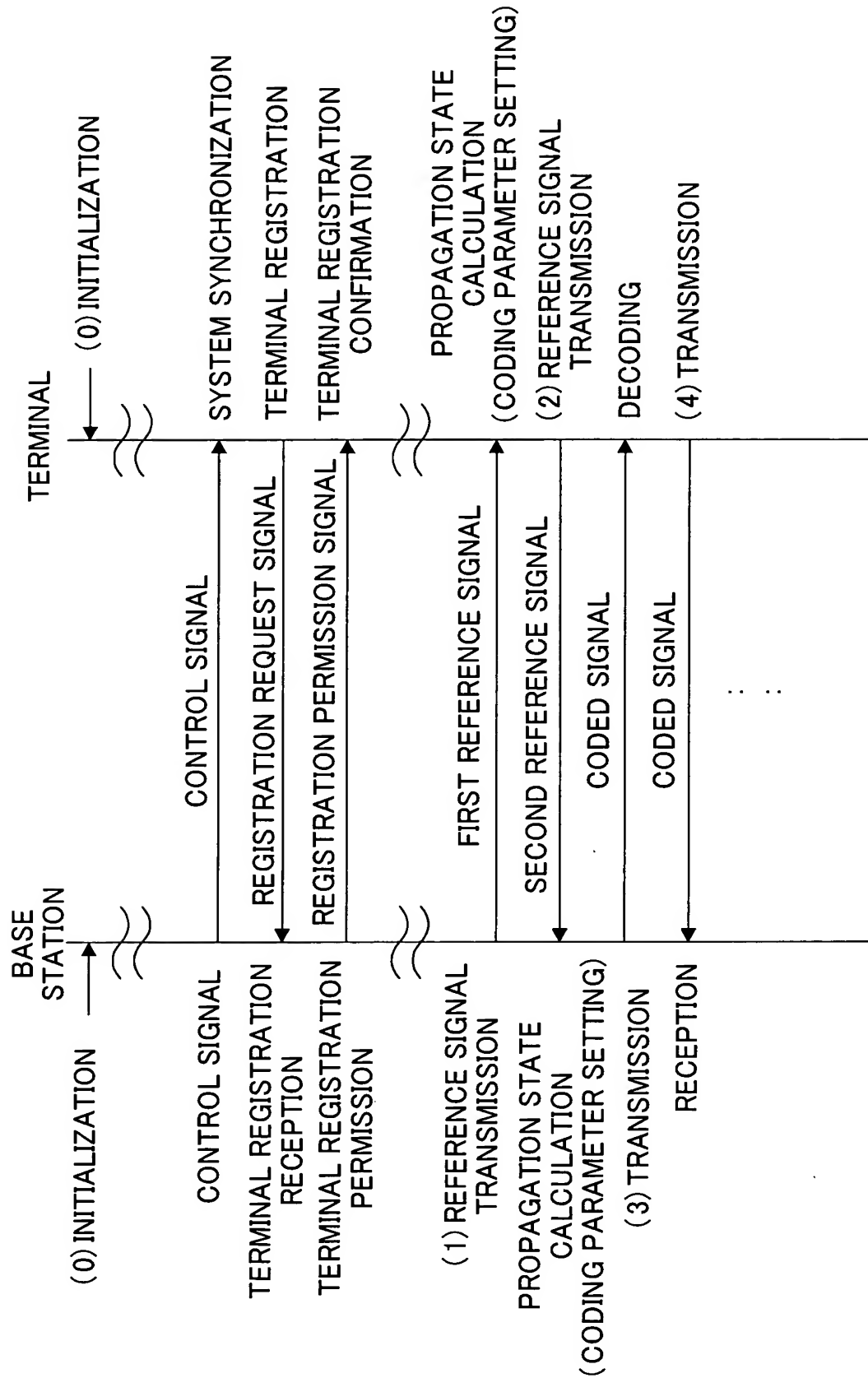


FIG.23



**FIG.24**





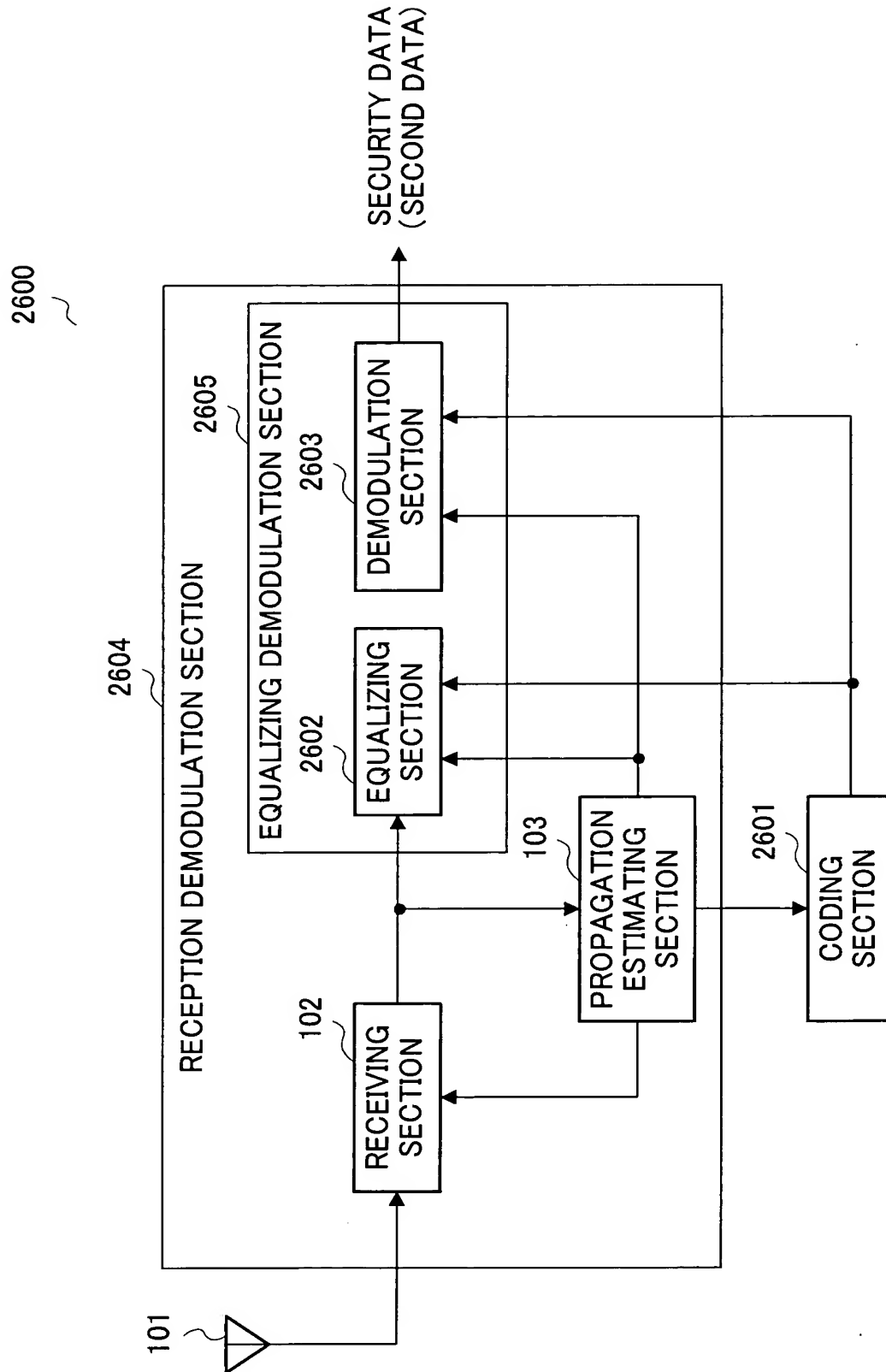


FIG.26

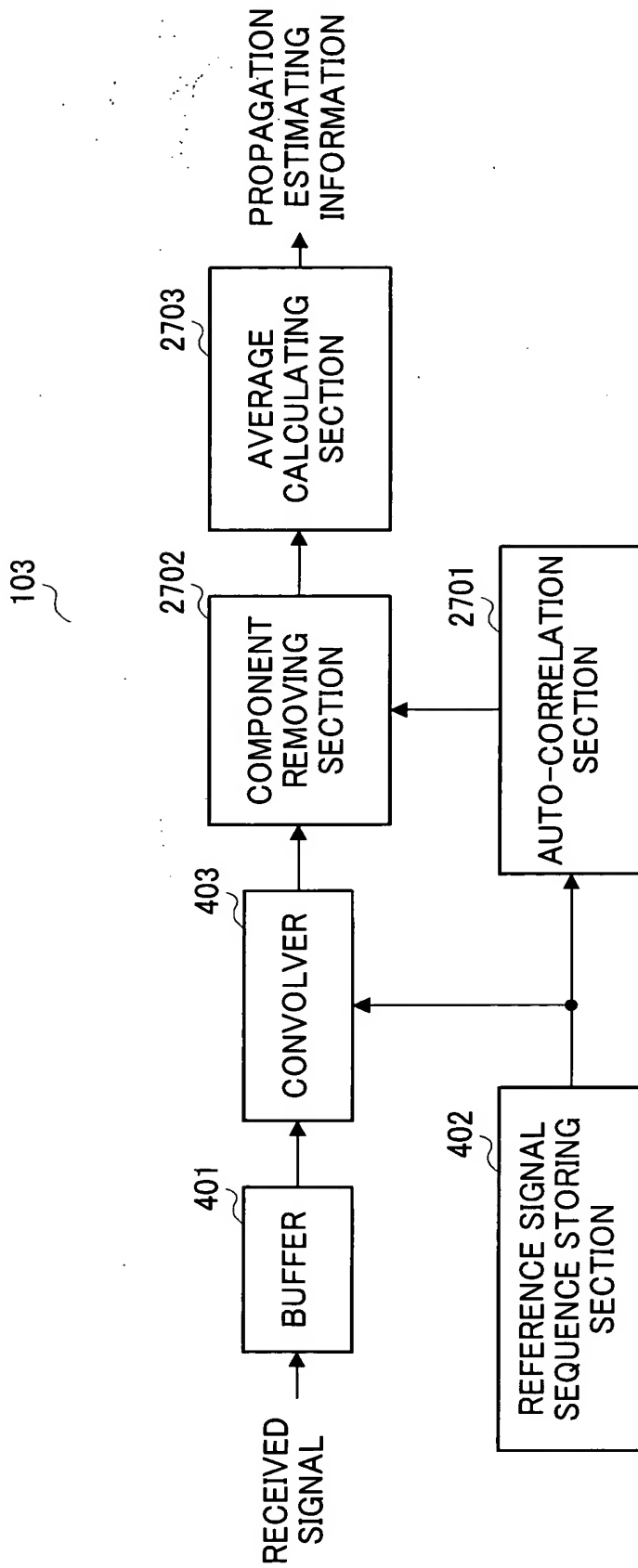


FIG.27

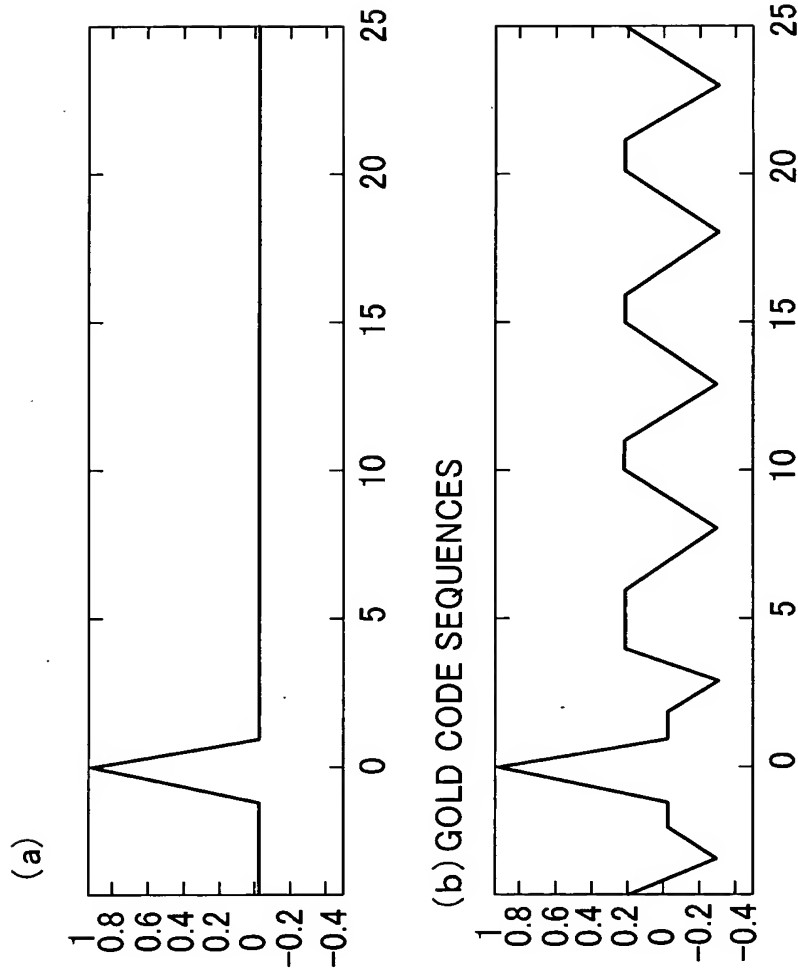


FIG.28

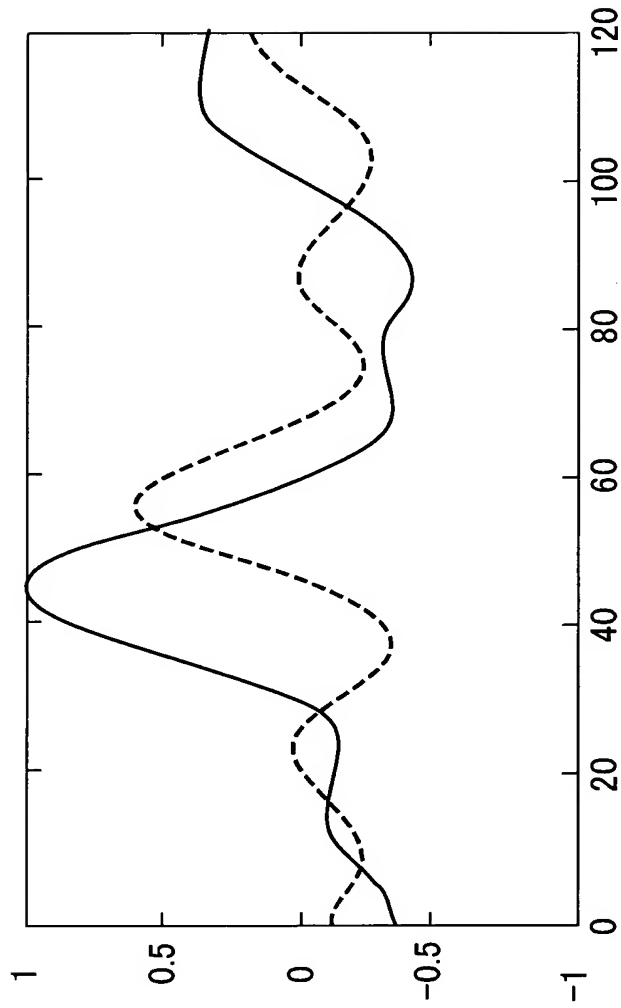


FIG.29

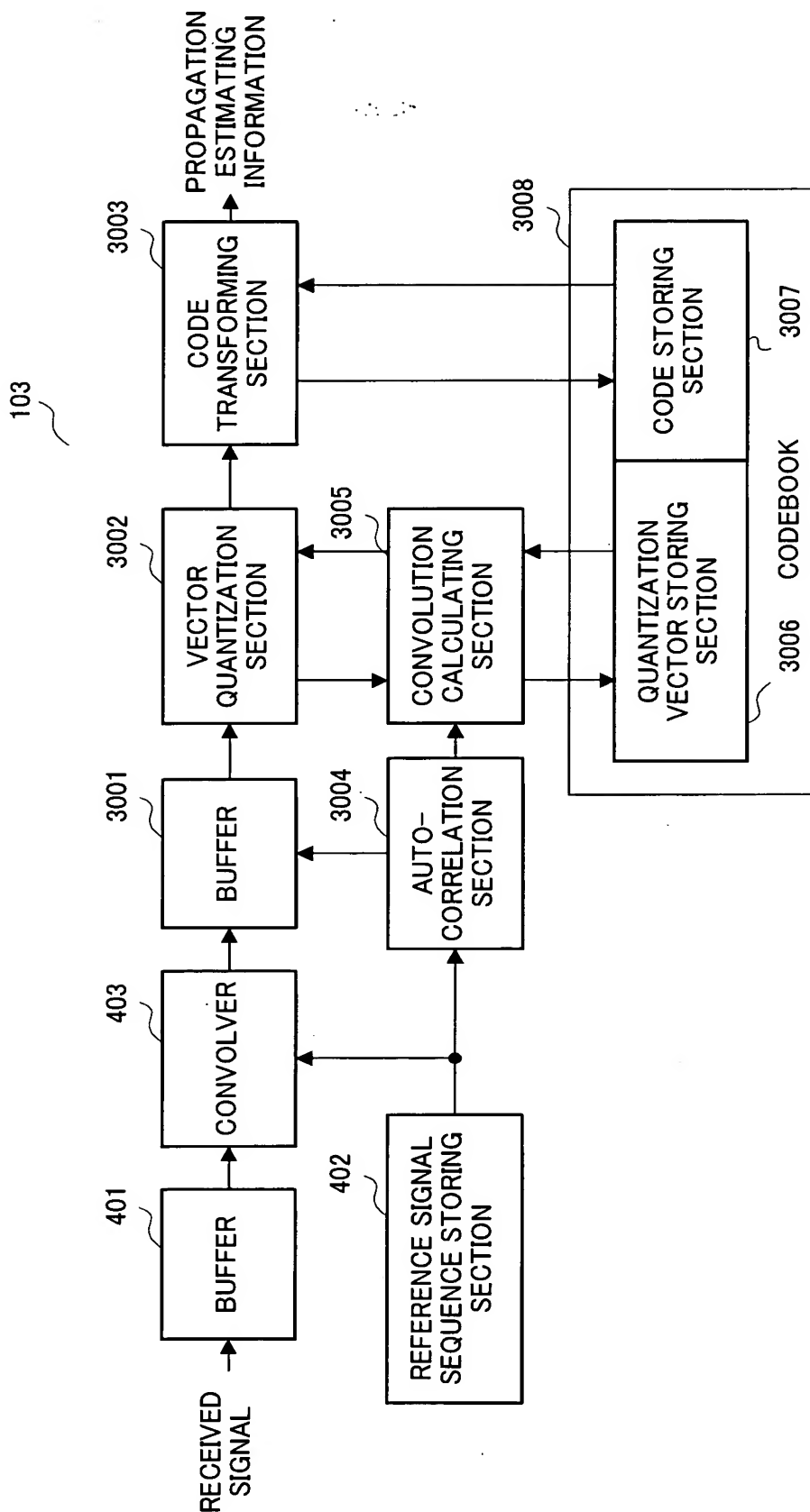


FIG.30

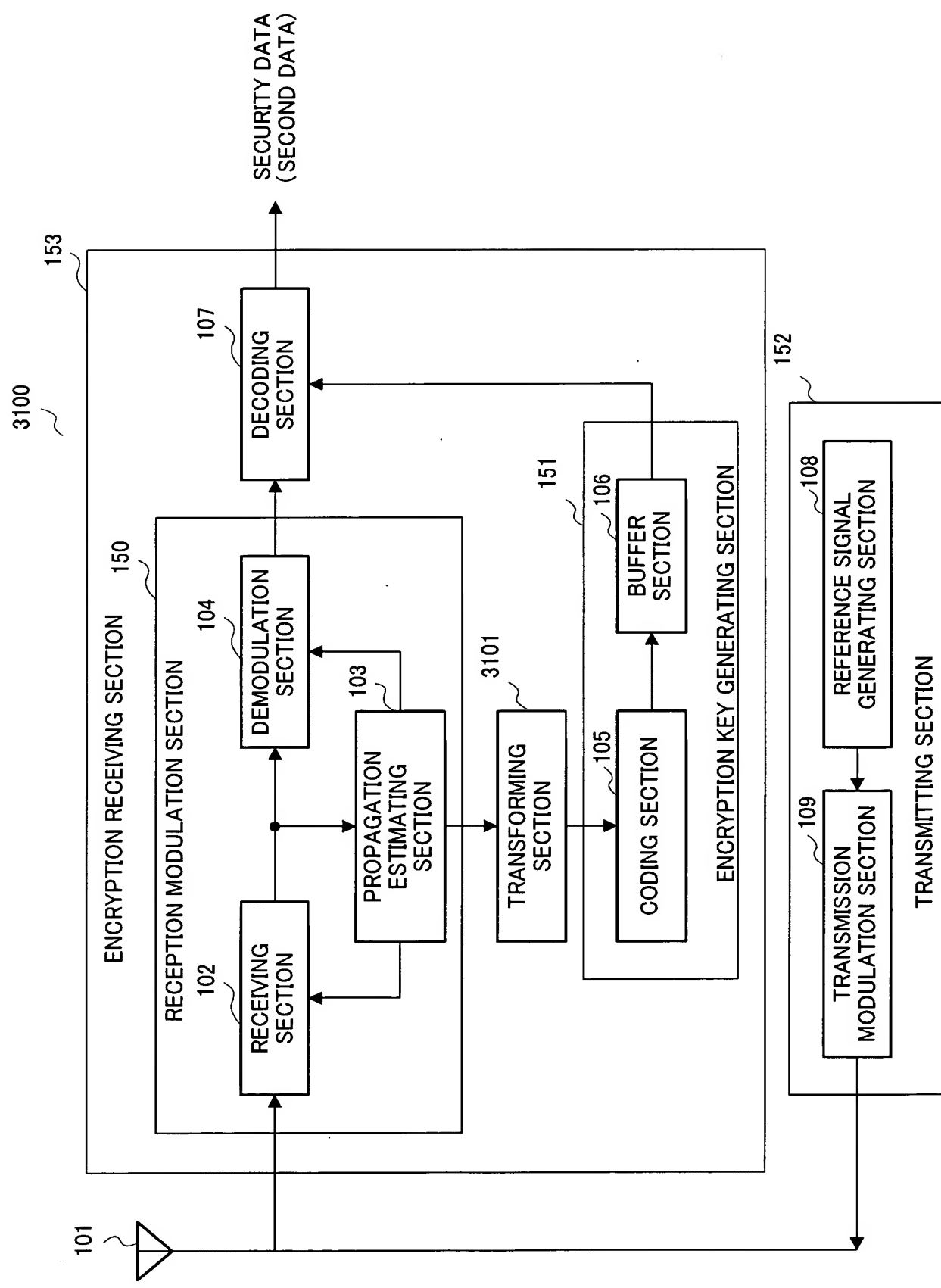


FIG.31

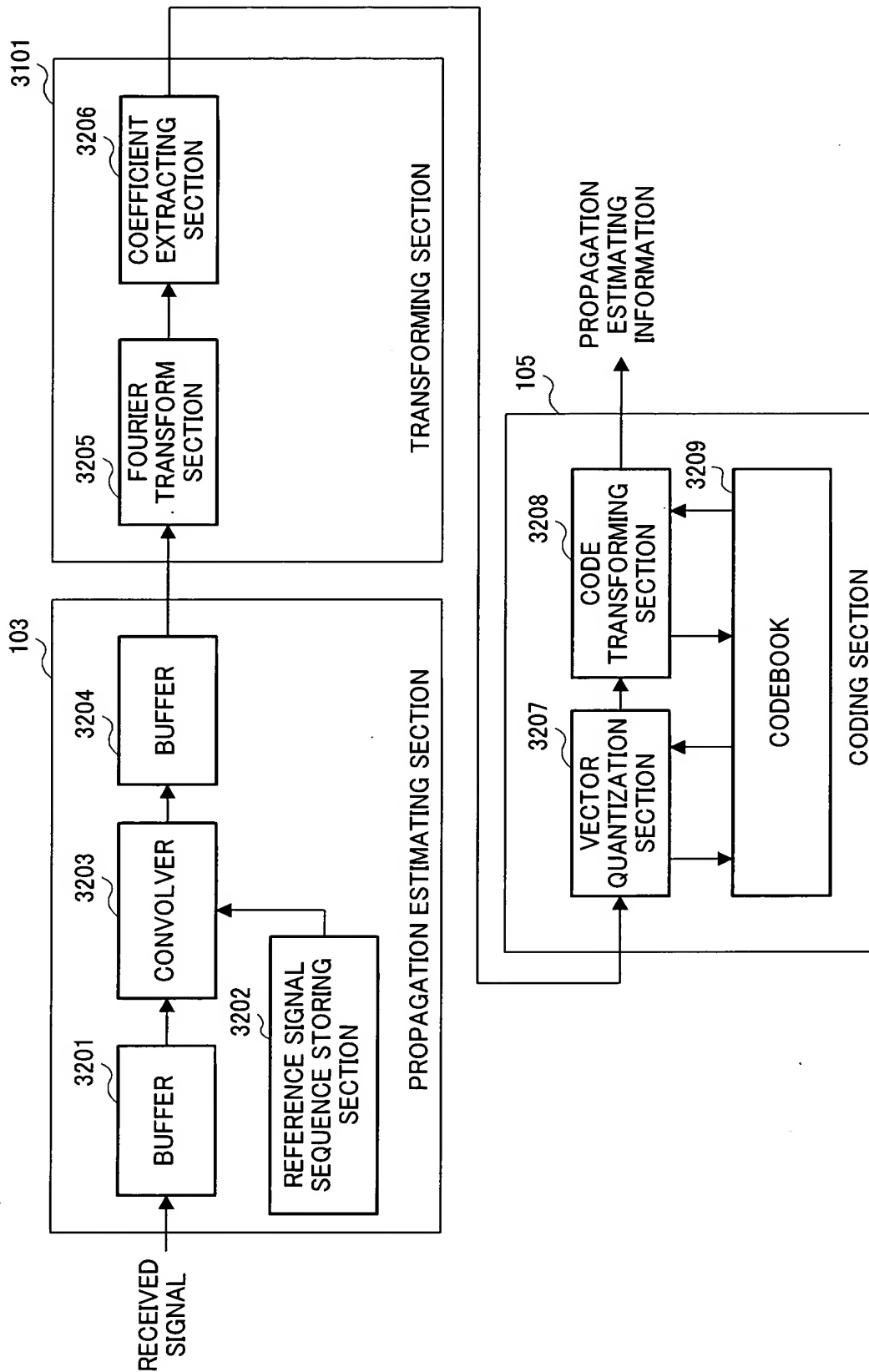


FIG.32



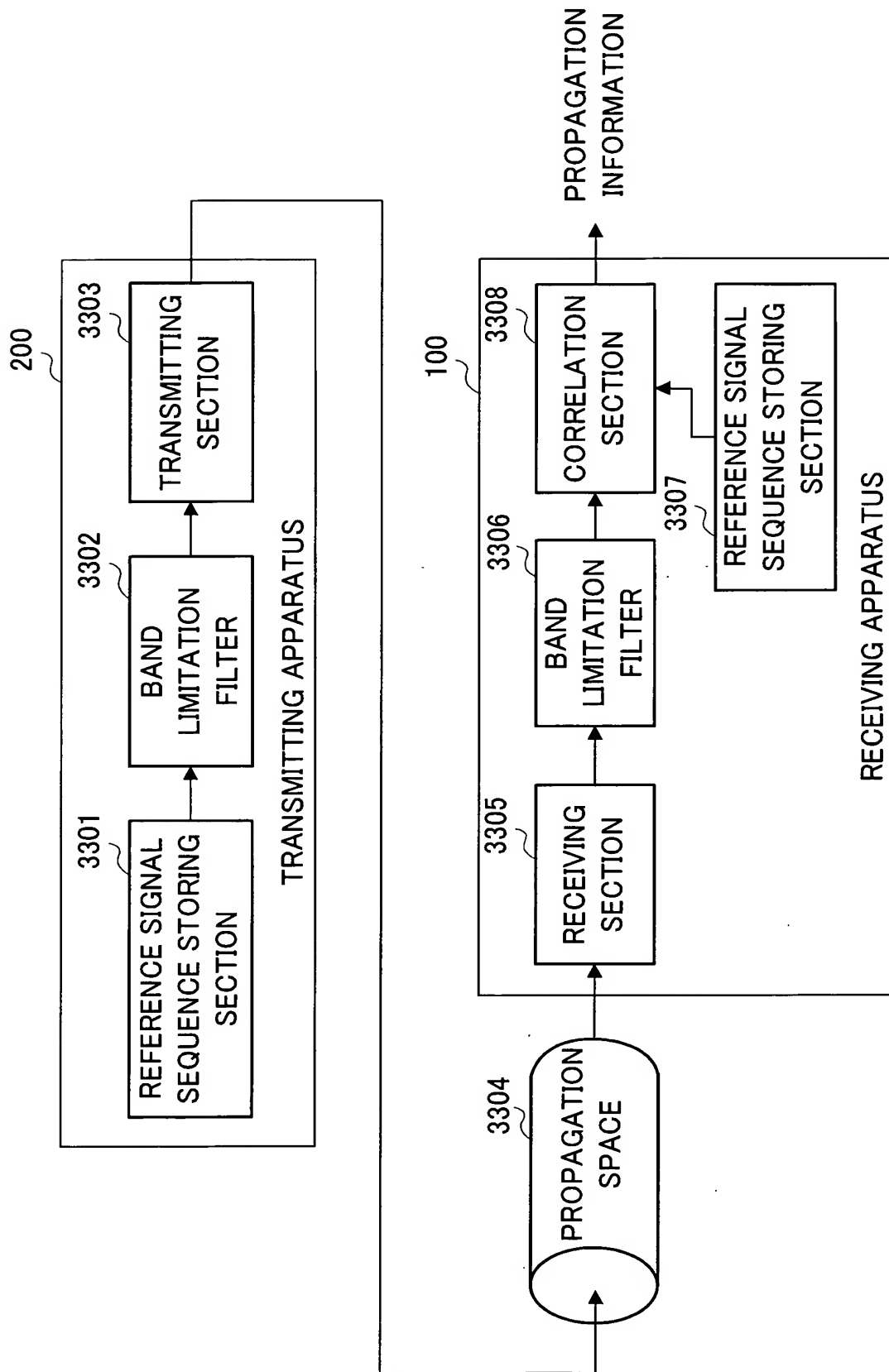


FIG.33

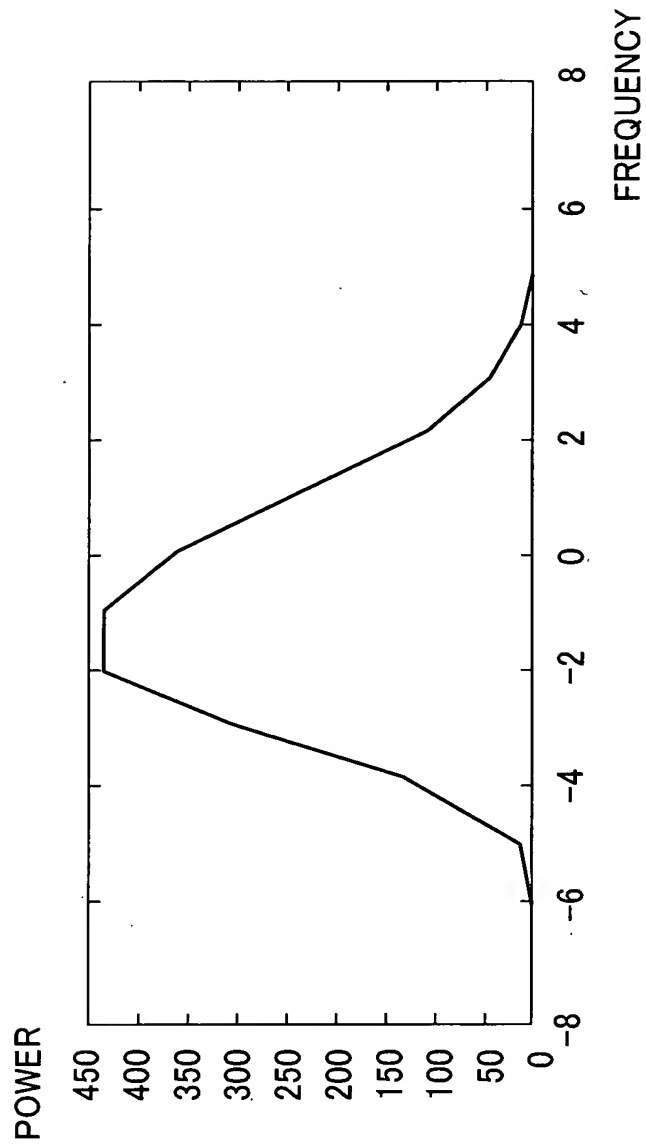


FIG.34

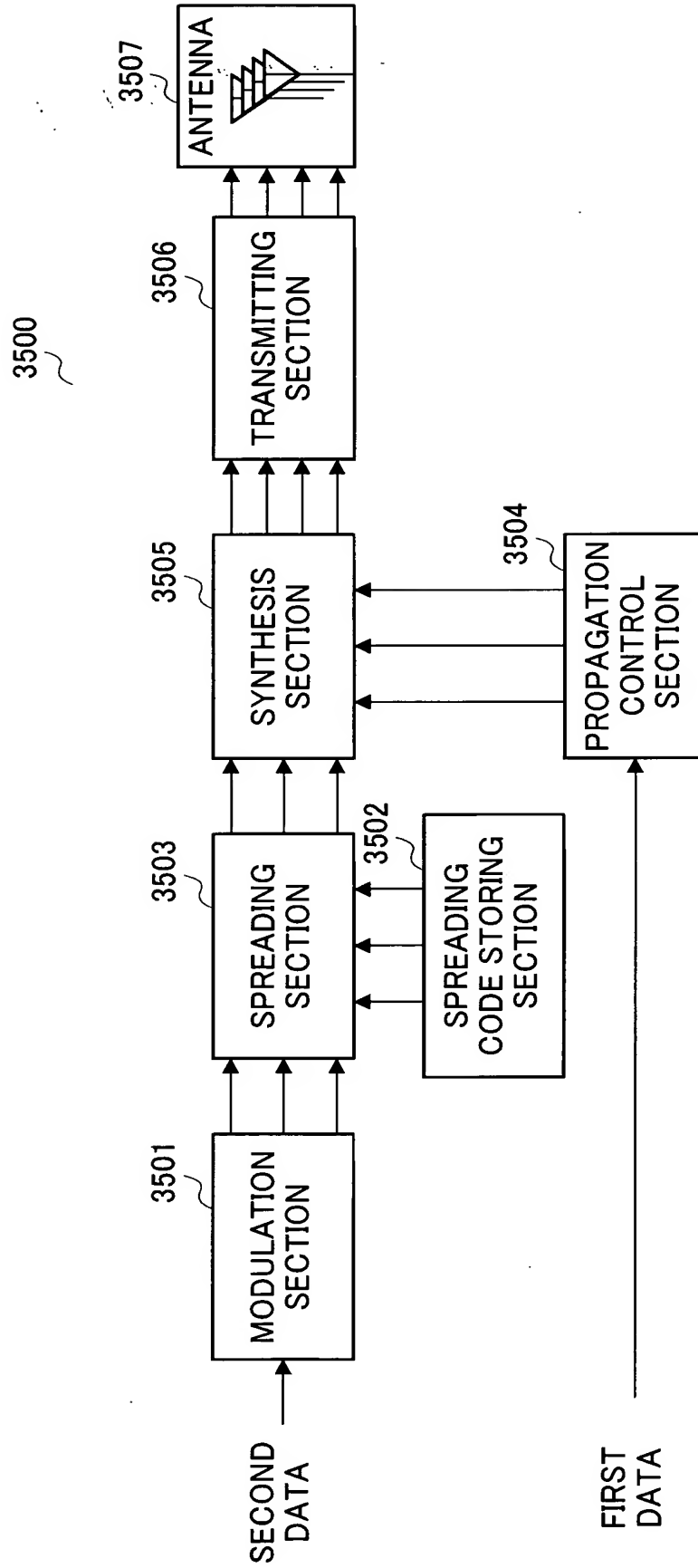


FIG.35

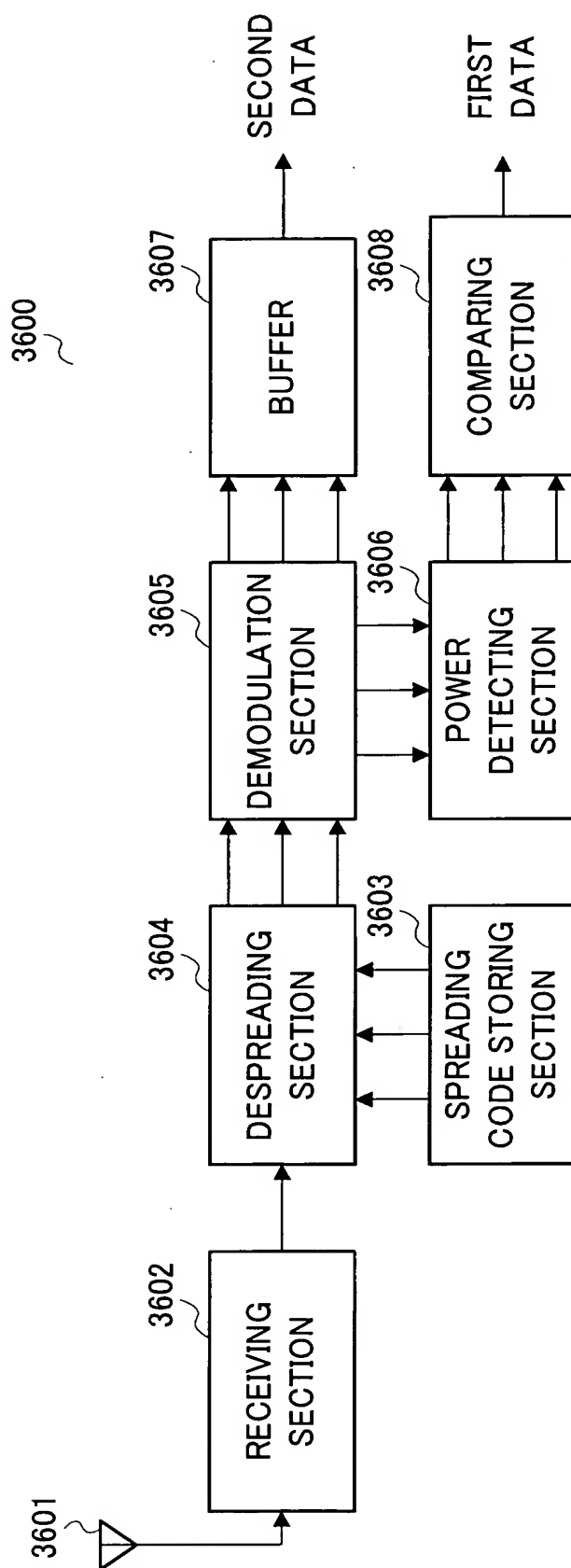


FIG.36

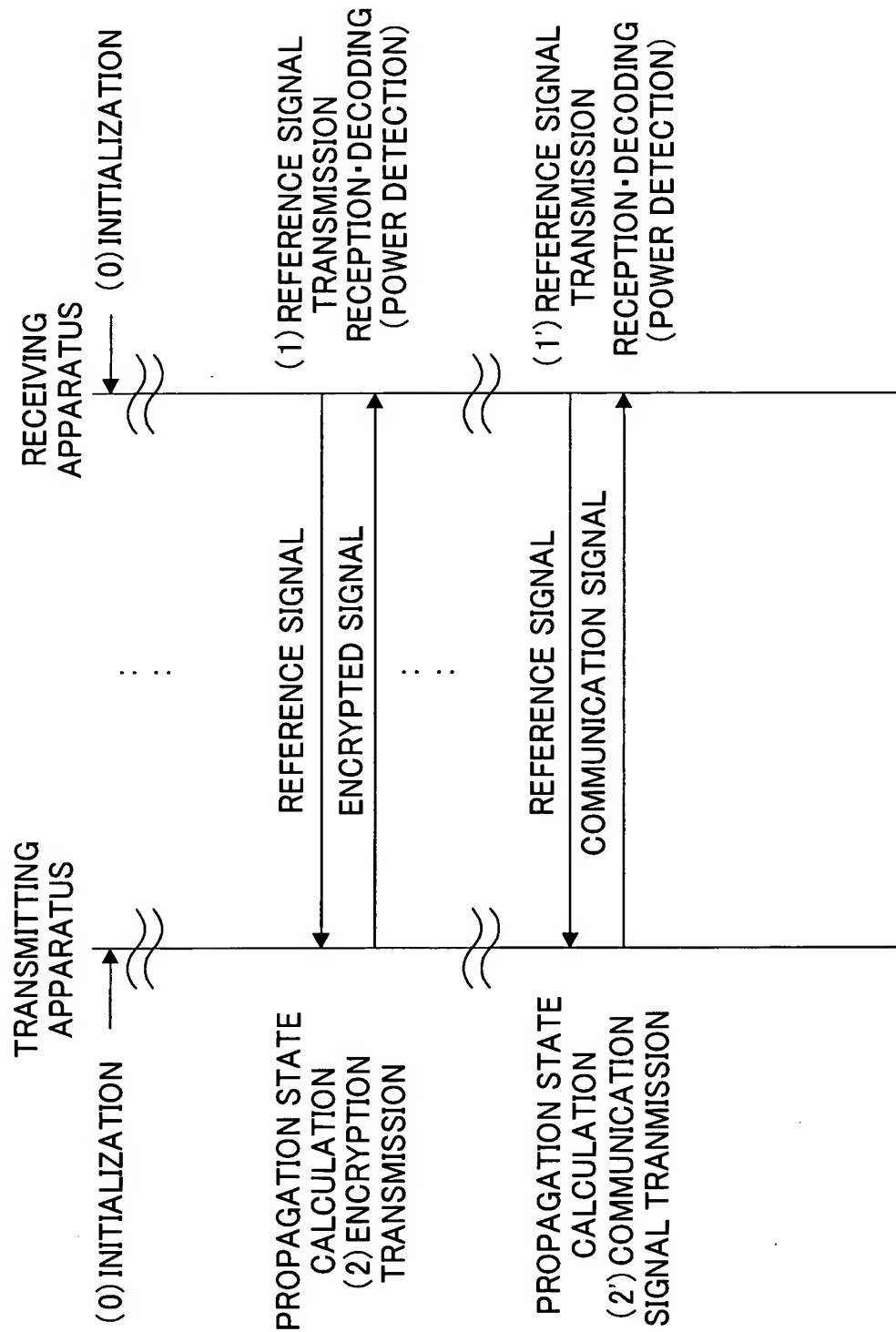


FIG.37

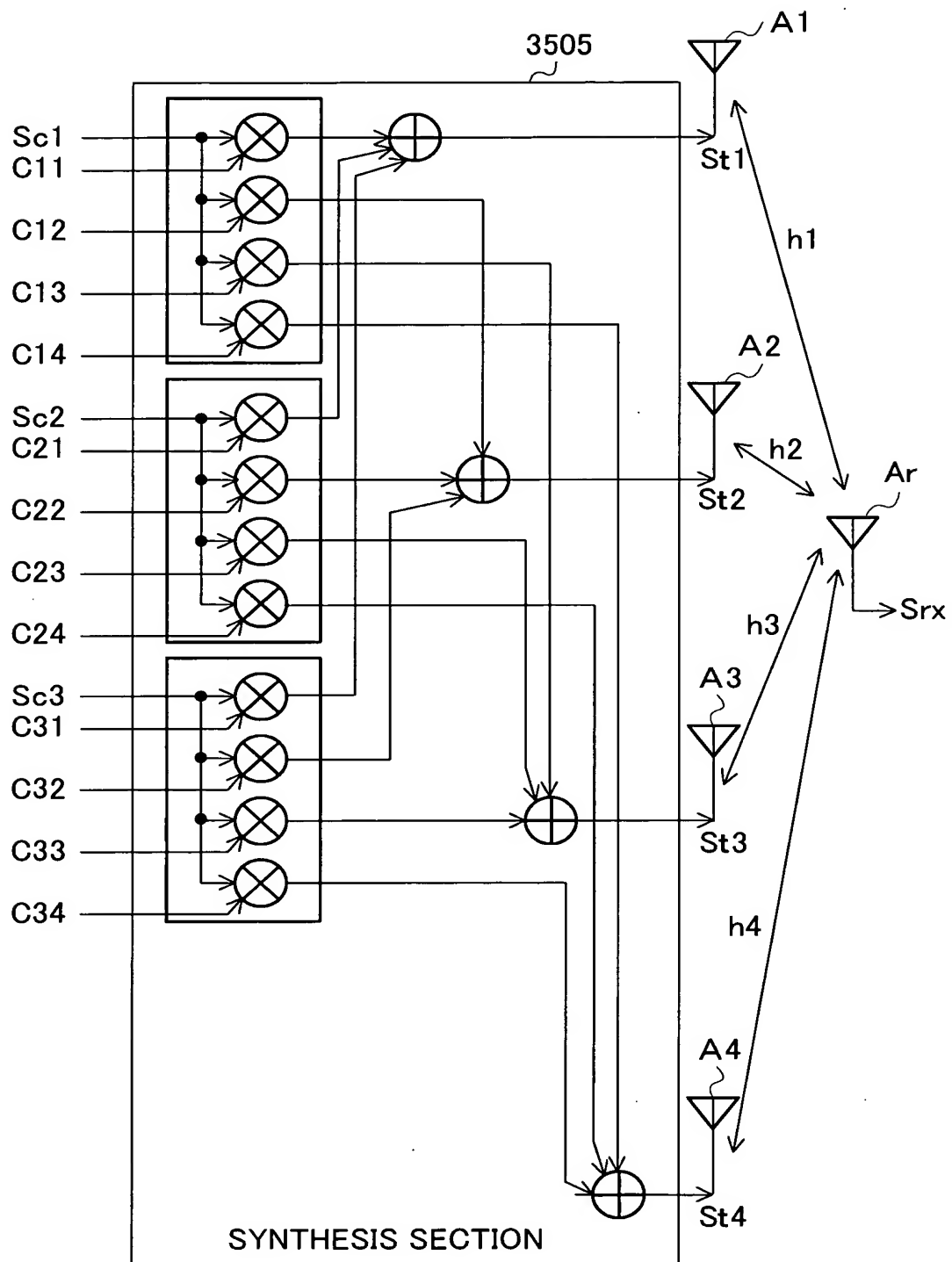


FIG.38

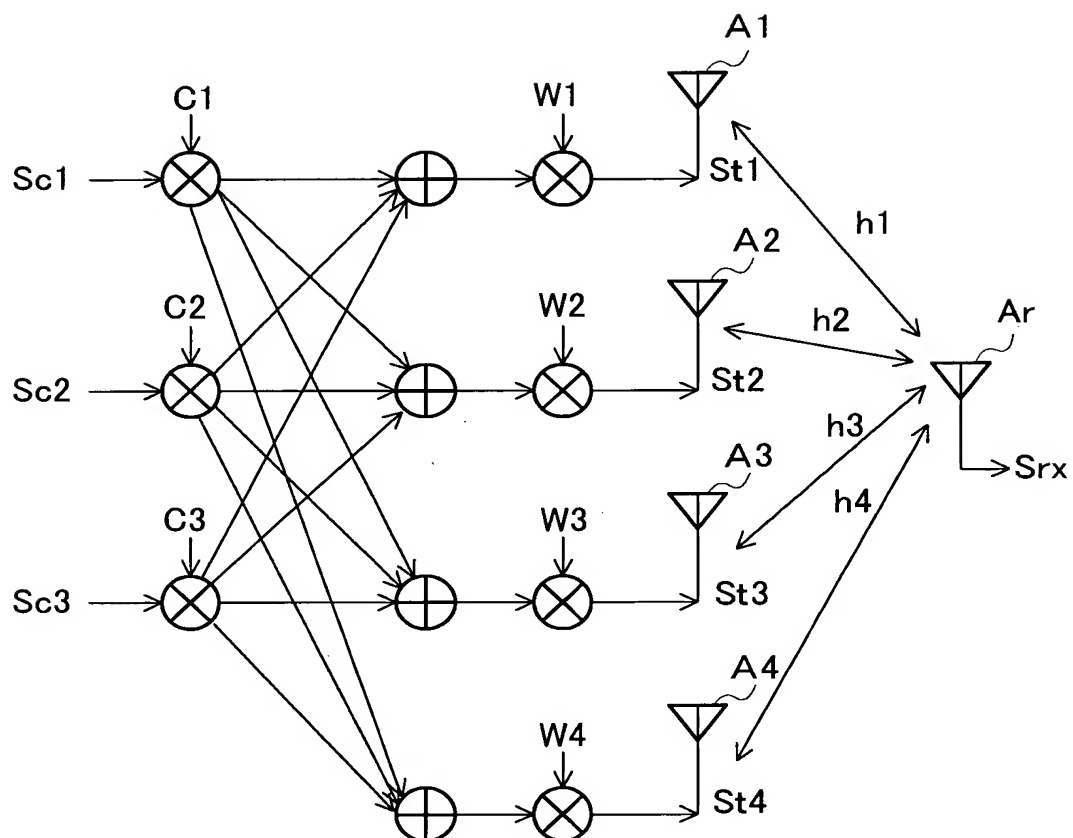


FIG.39

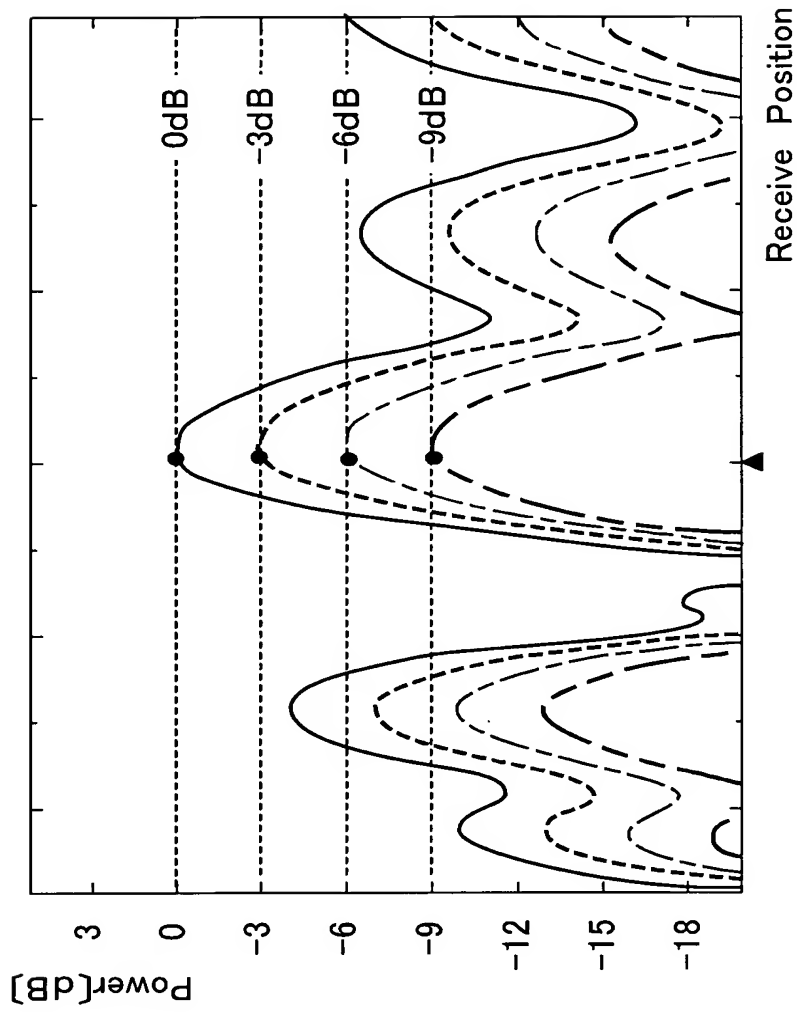


FIG.40



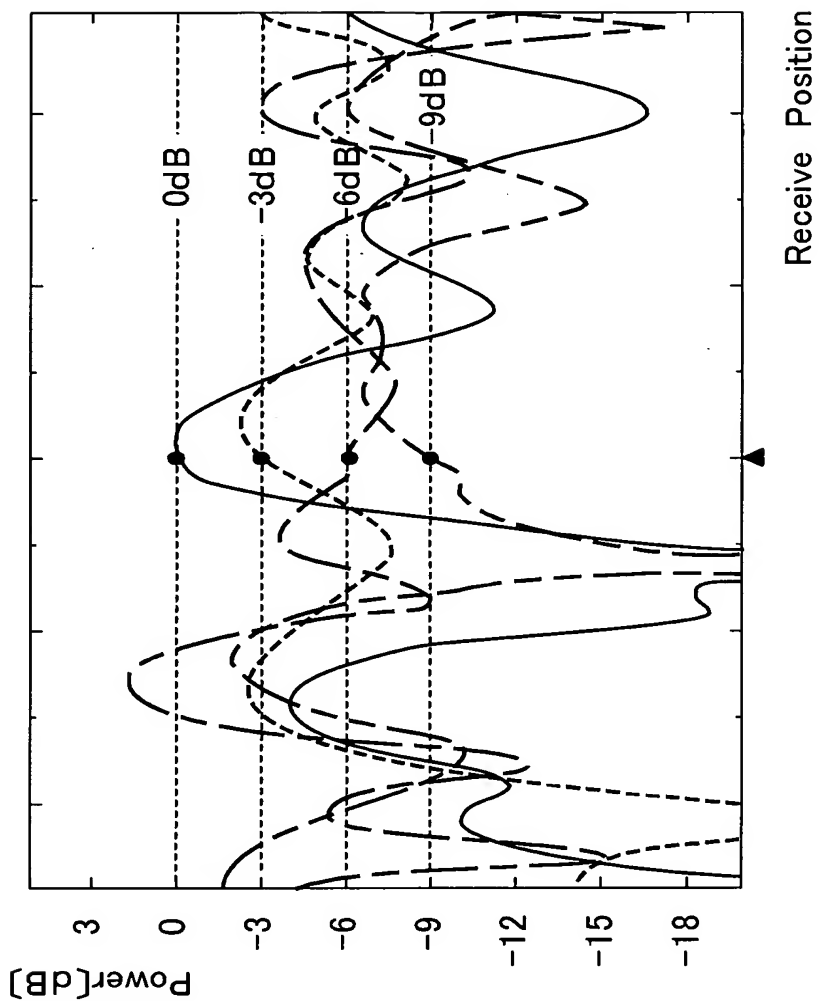


FIG.41

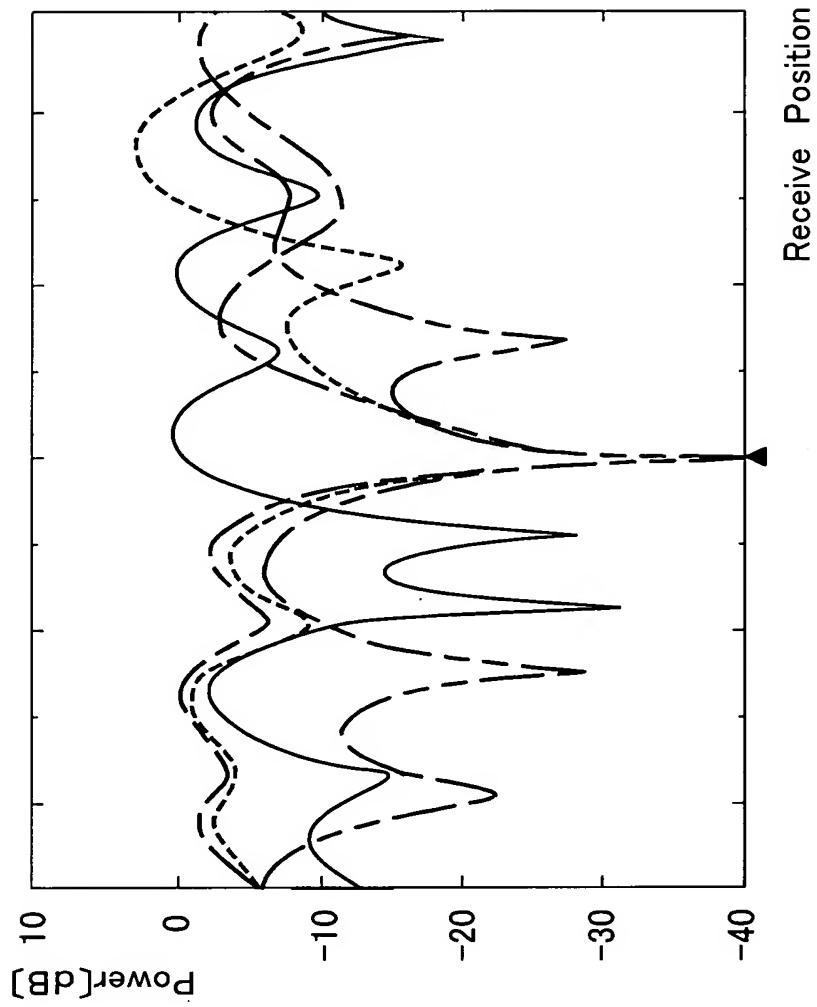


FIG.42

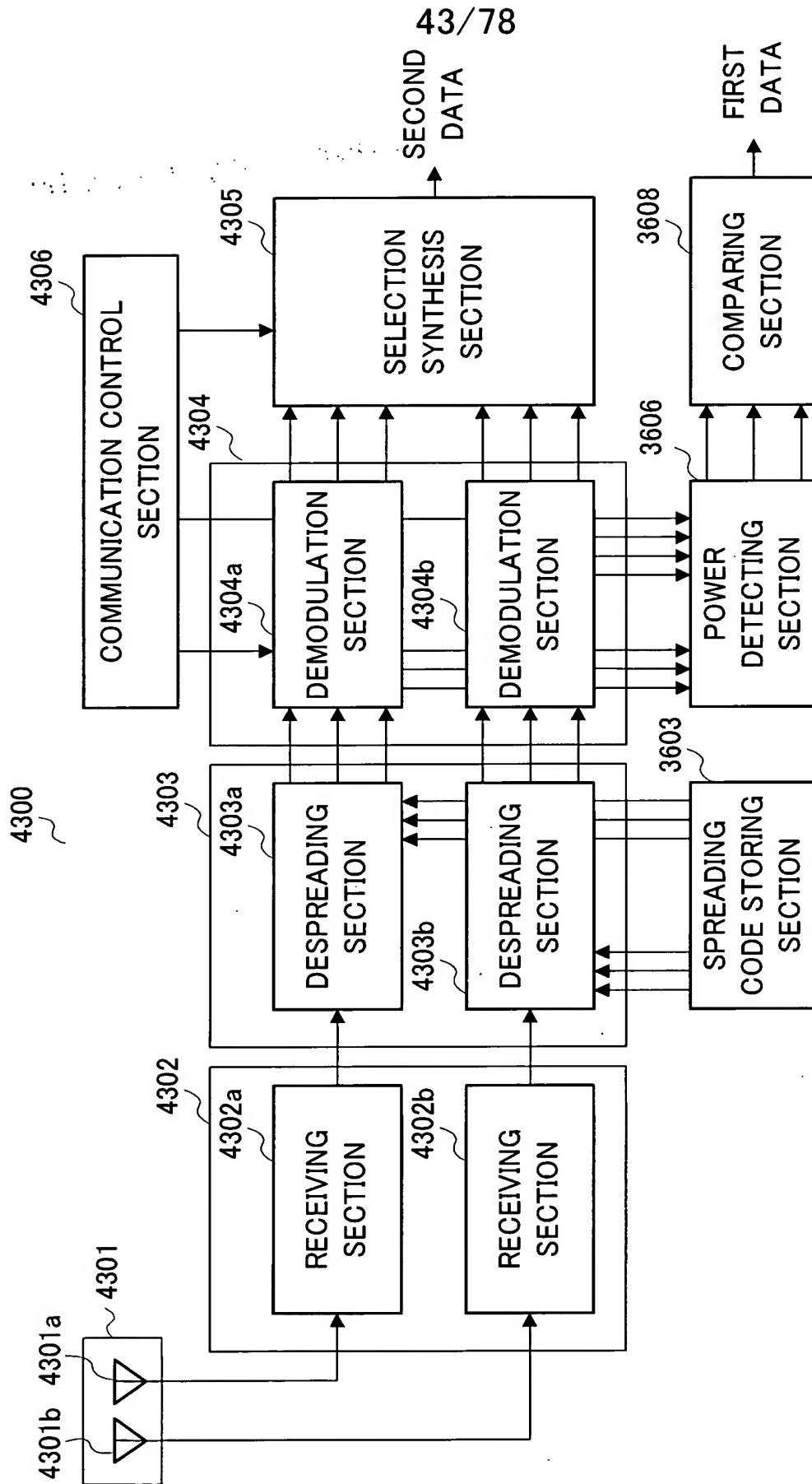


FIG.43

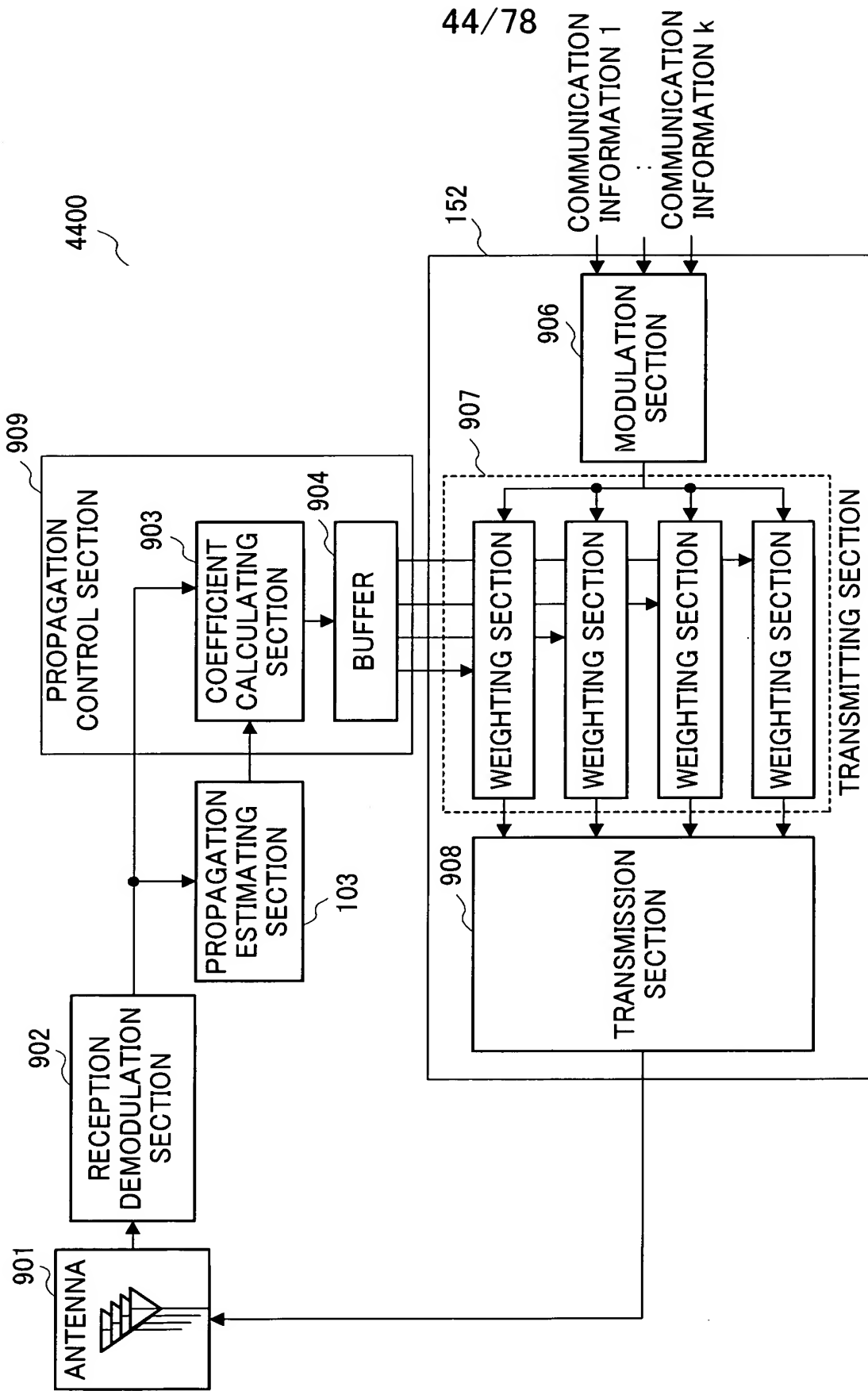


FIG.44

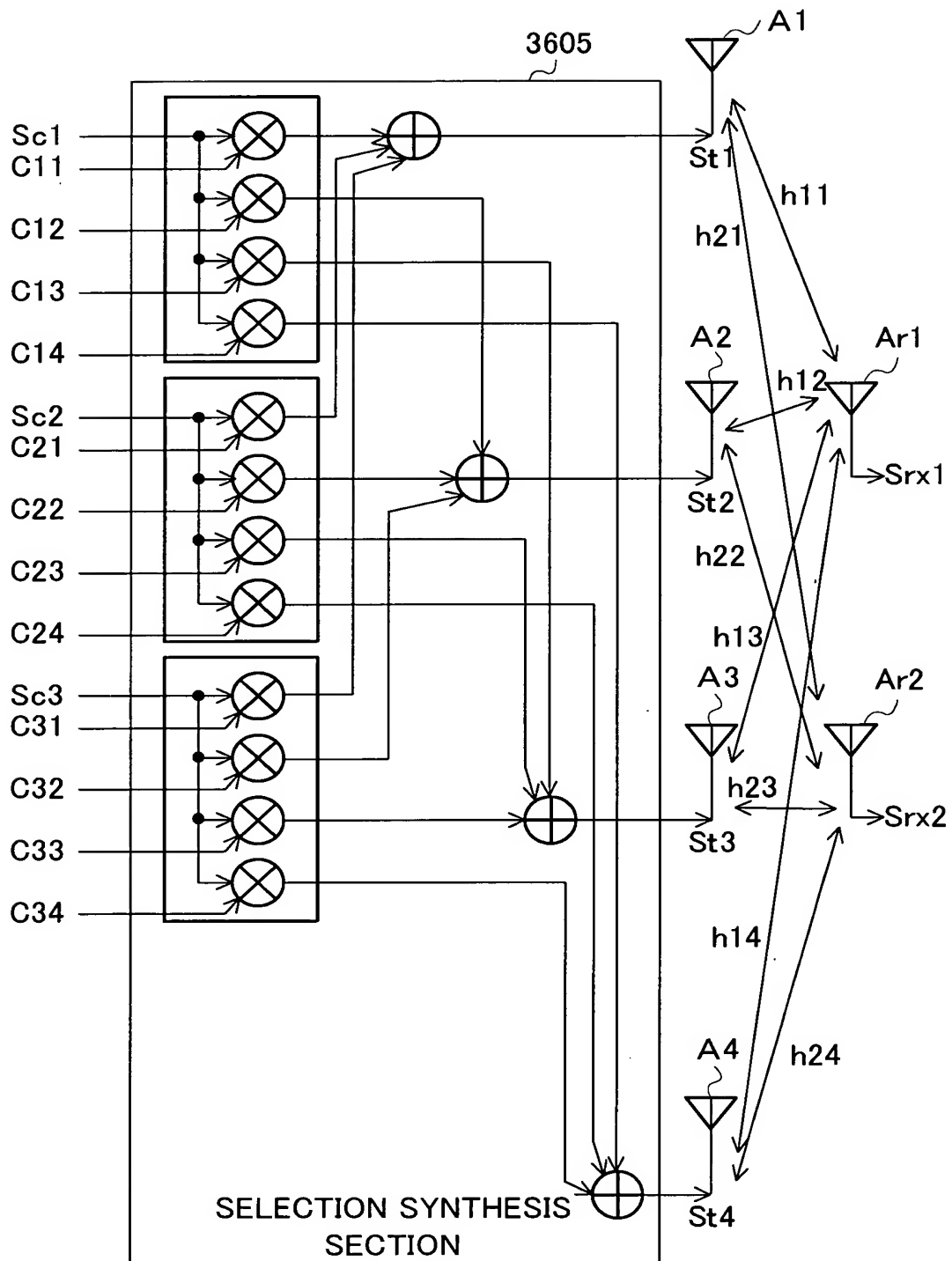


FIG.45

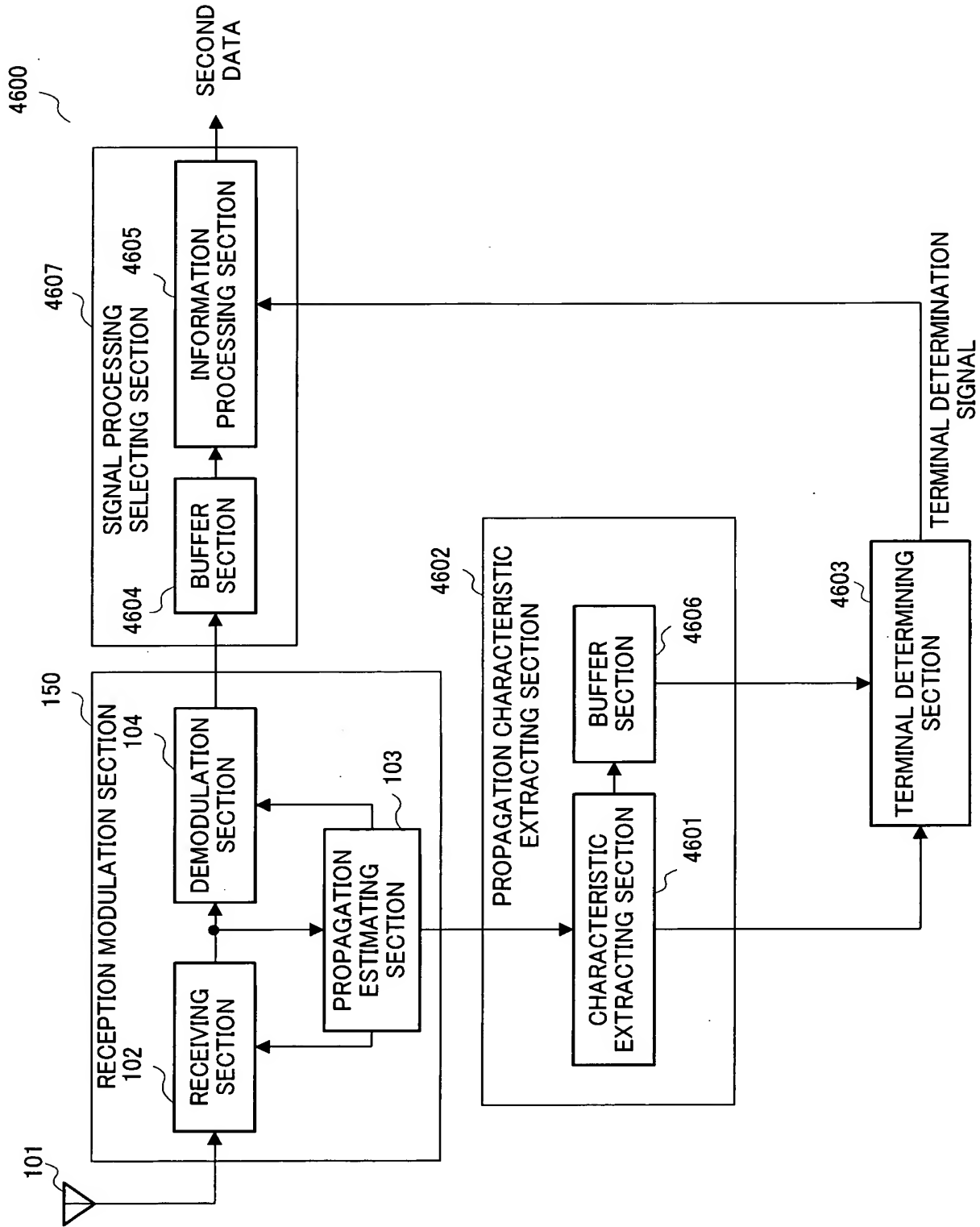


FIG.46

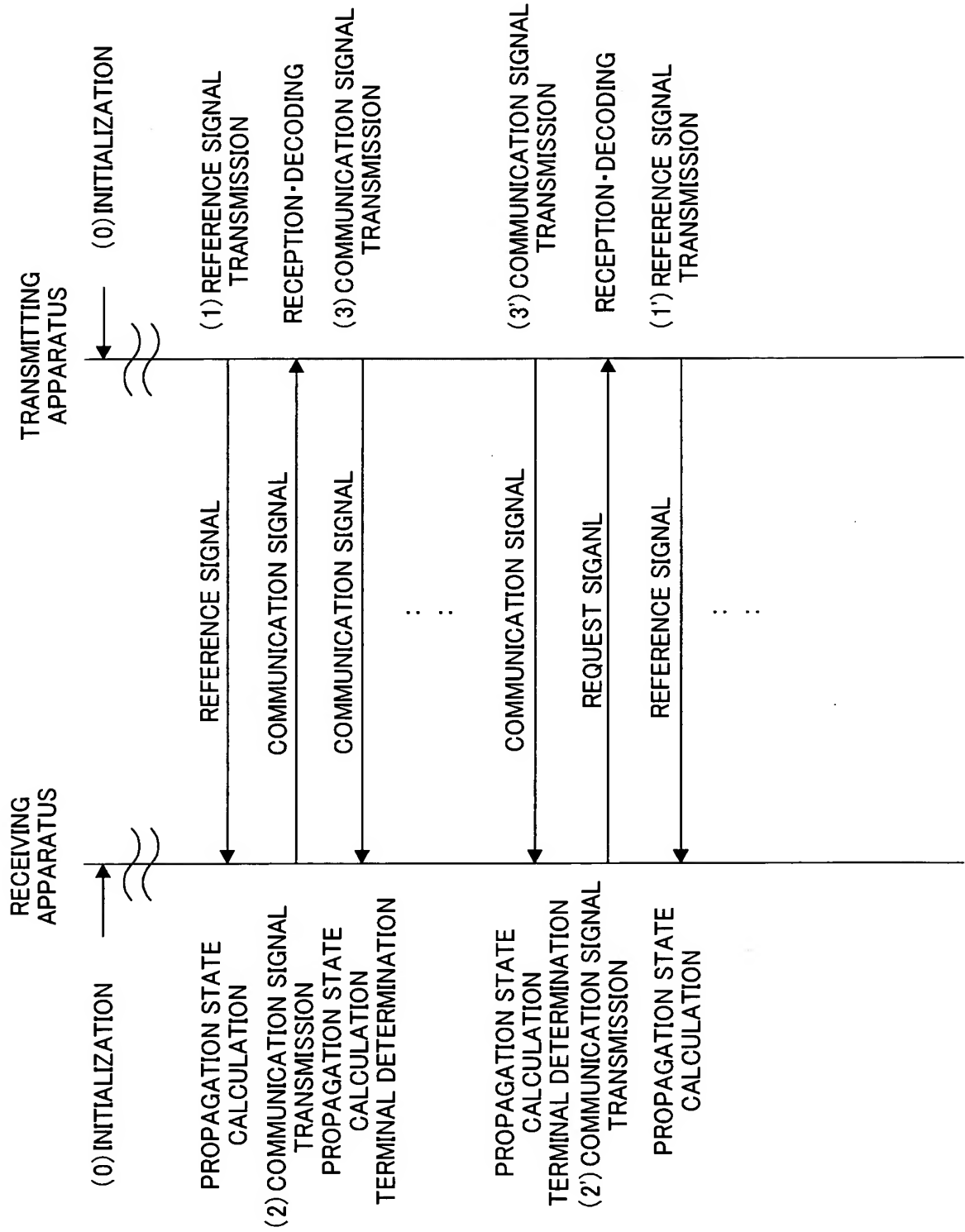


FIG.47

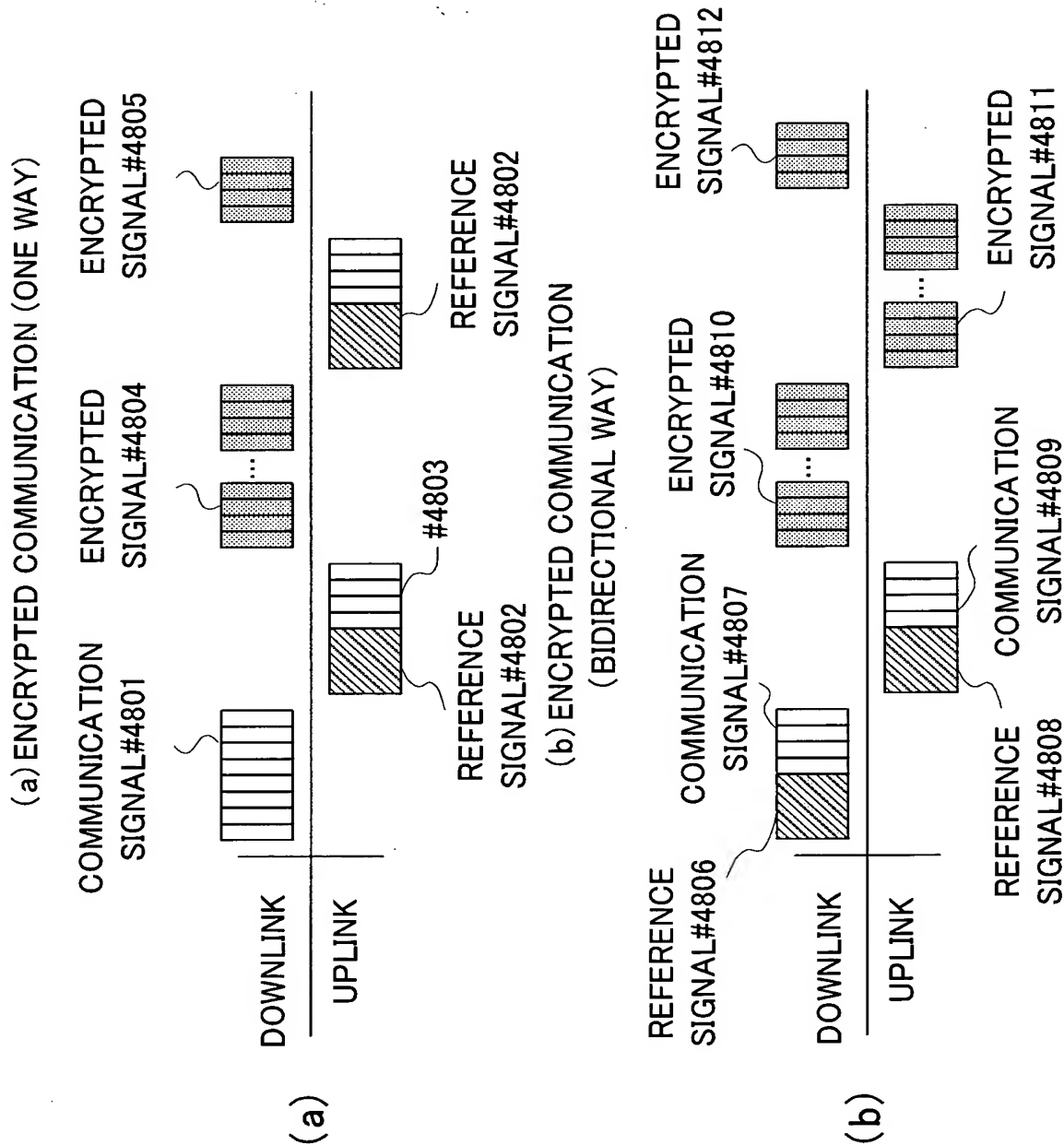


FIG.48



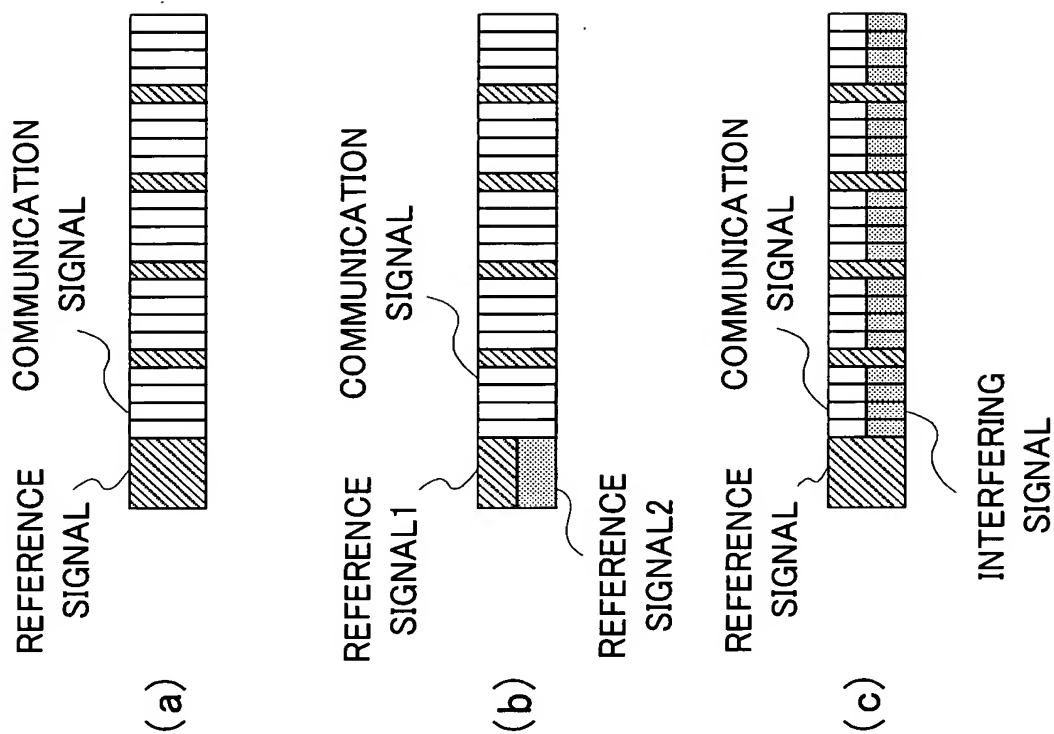


FIG.49

(a) FRAME STRUCTURE1

PILOT SIGNAL	DATAn	DATAn	DATAn	DATAn
	:	:	:	:
	DATA2	DATA2	DATA2	DATA2
	DATA1	DATA1	DATA1	DATA1

(b) FRAME STRUCTURE2

DATAn	DATAn	DATAn	DATAn	DATAn
:	:	:	:	:
DATA1	DATA1	DATA1	DATA1	DATA1
PILOT SIGNAL	PILOT SIGNAL	PILOT SIGNAL	PILOT SIGNAL	PILOT SIGNAL

(c) FRAME STRUCTURE3

DATAn	DATAn	DATAn	DATAn	DATAn
:	:	:	:	:
PILOT SIGNALm	PILOT SIGNALm	PILOT SIGNALm	PILOT SIGNALm	PILOT SIGNALm
:	:	:	:	:
DATA1	DATA1	DATA1	DATA1	DATA1
PILOT SIGNAL1	PILOT SIGNAL1	PILOT SIGNAL1	PILOT SIGNAL1	PILOT SIGNAL1

FIG.50

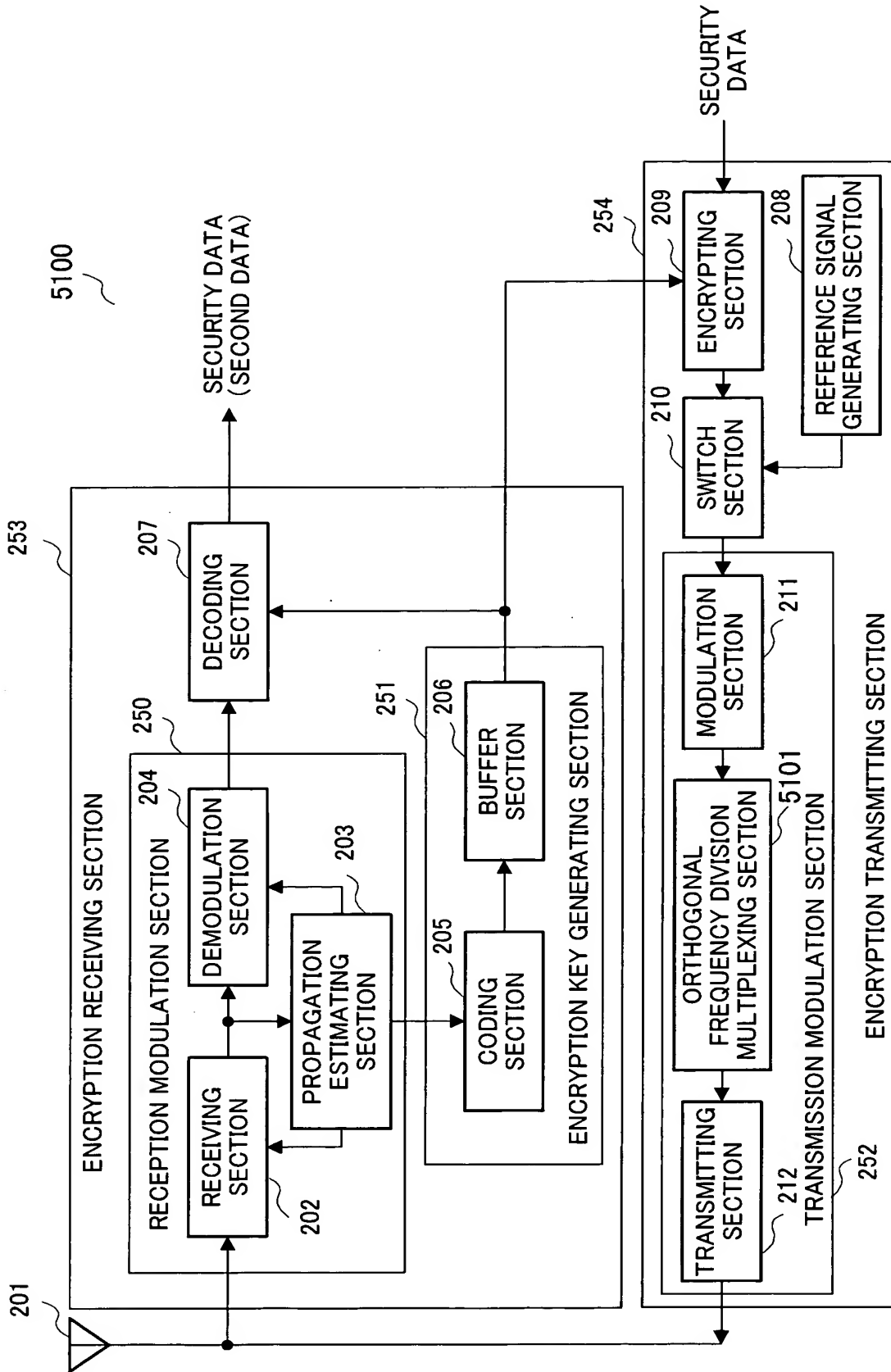


FIG.51

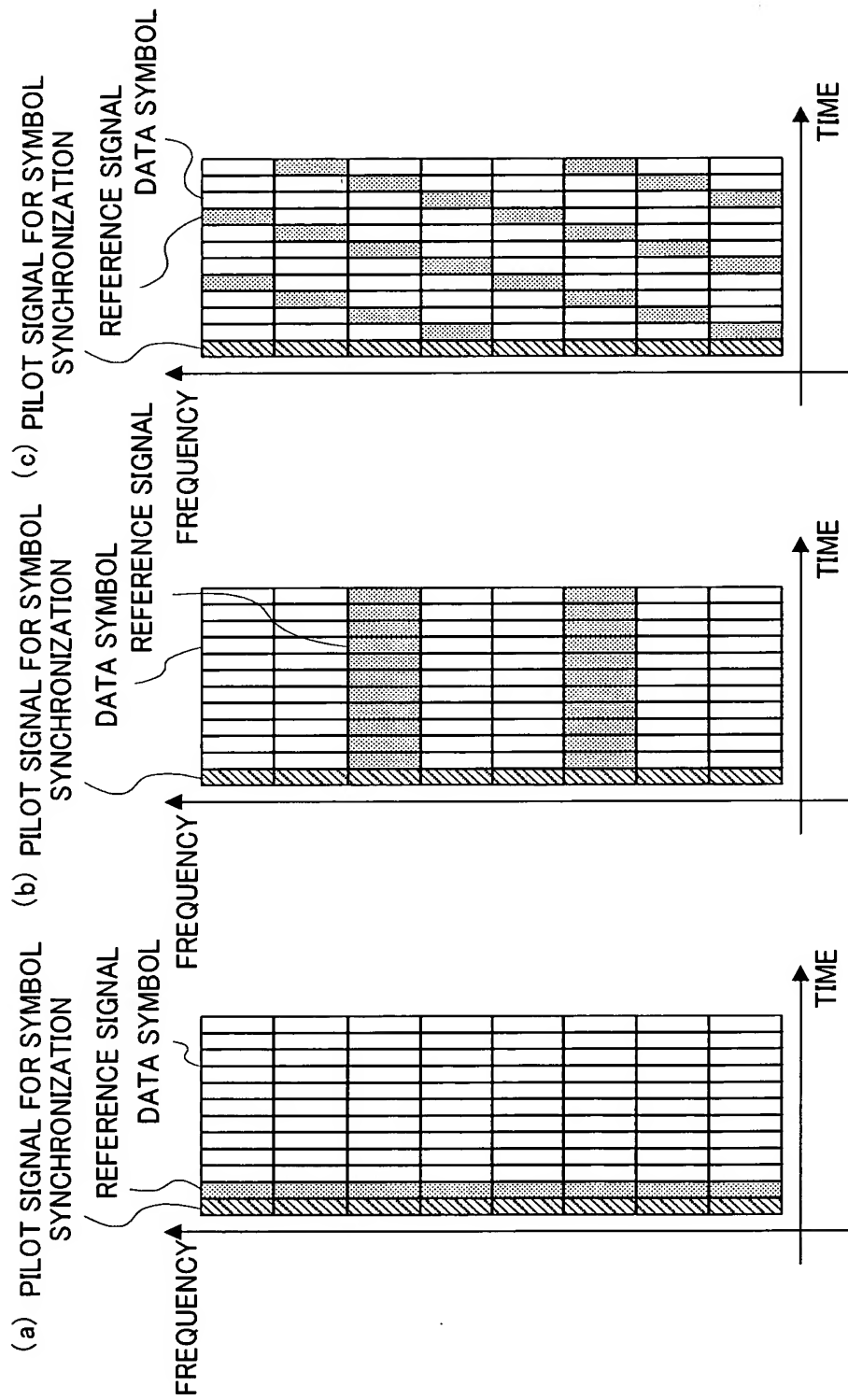


FIG.52

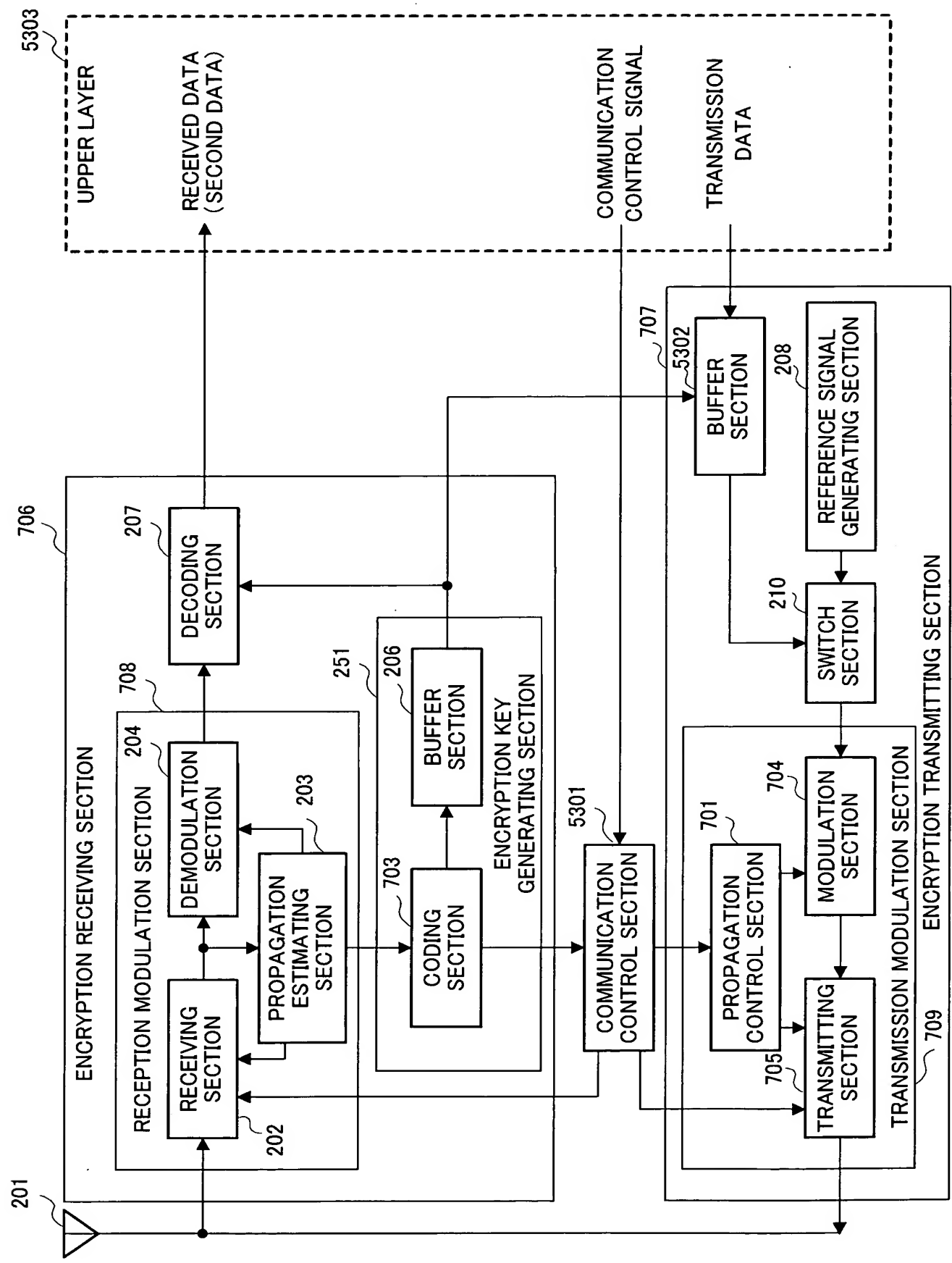


FIG.53

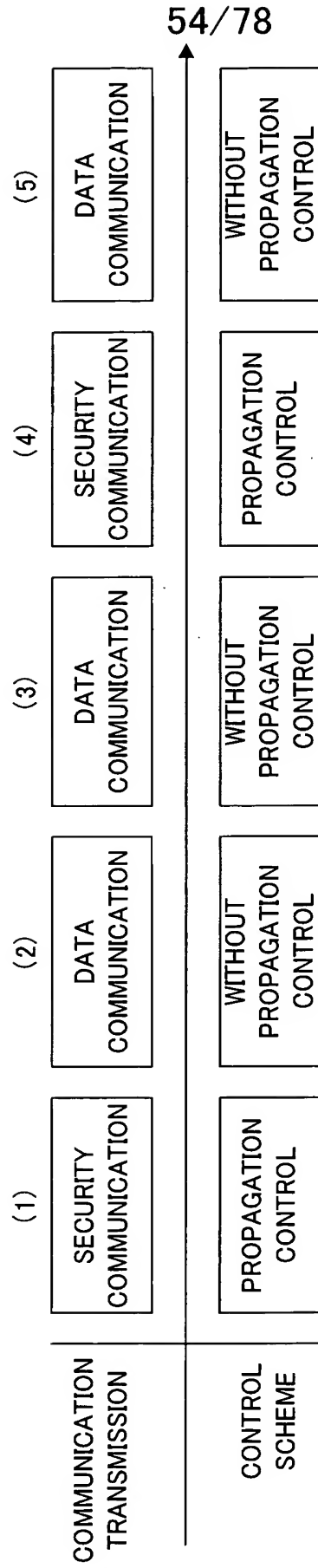


FIG.54

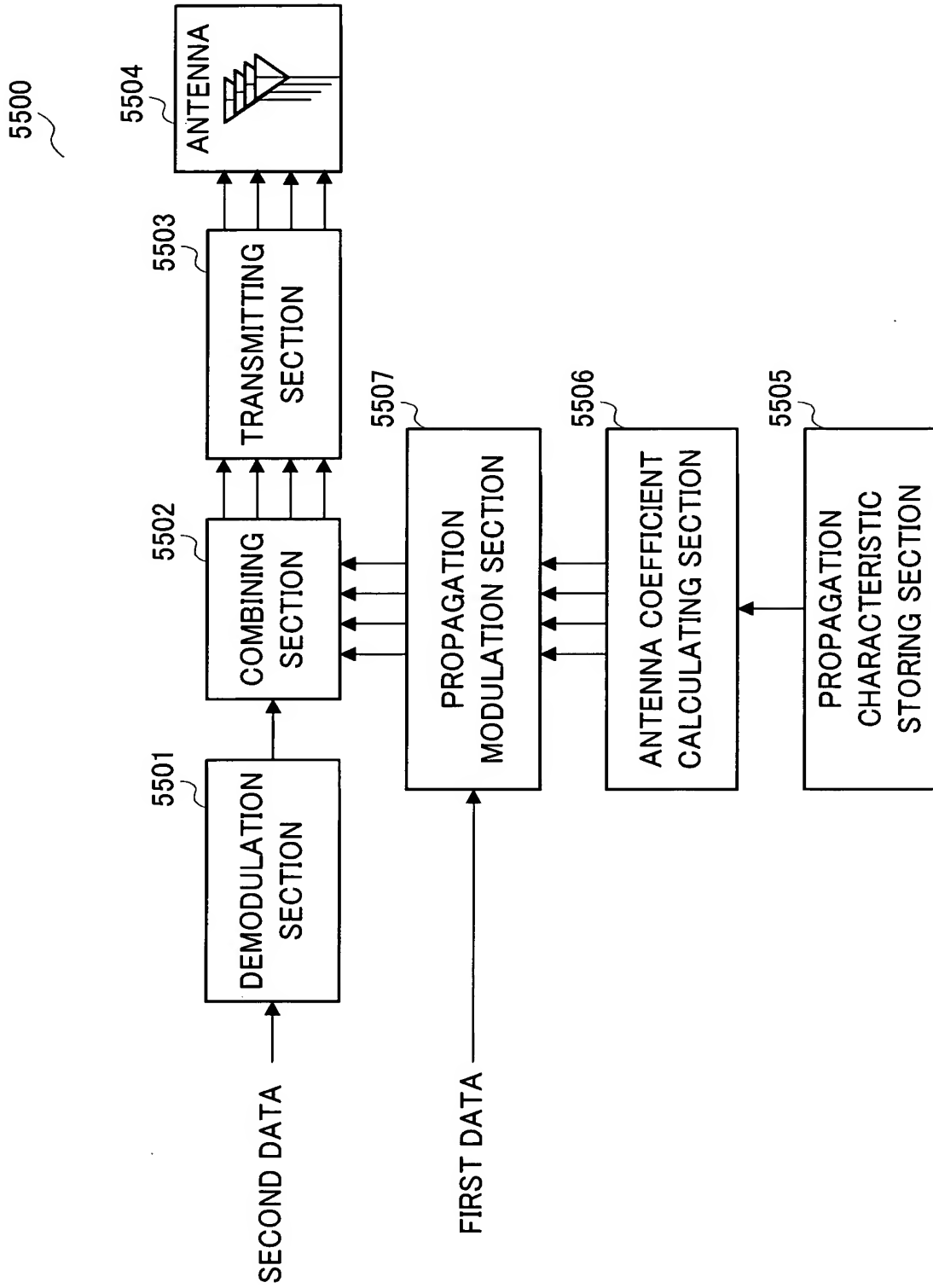


FIG.55

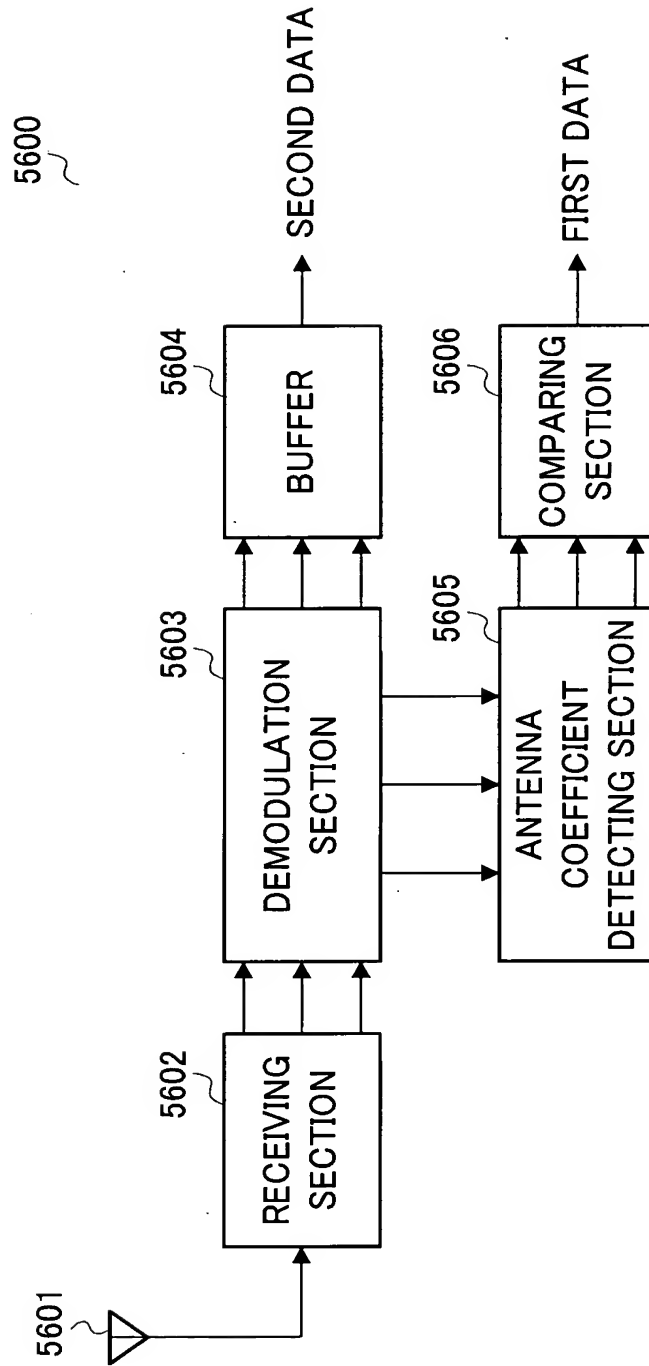


FIG.56



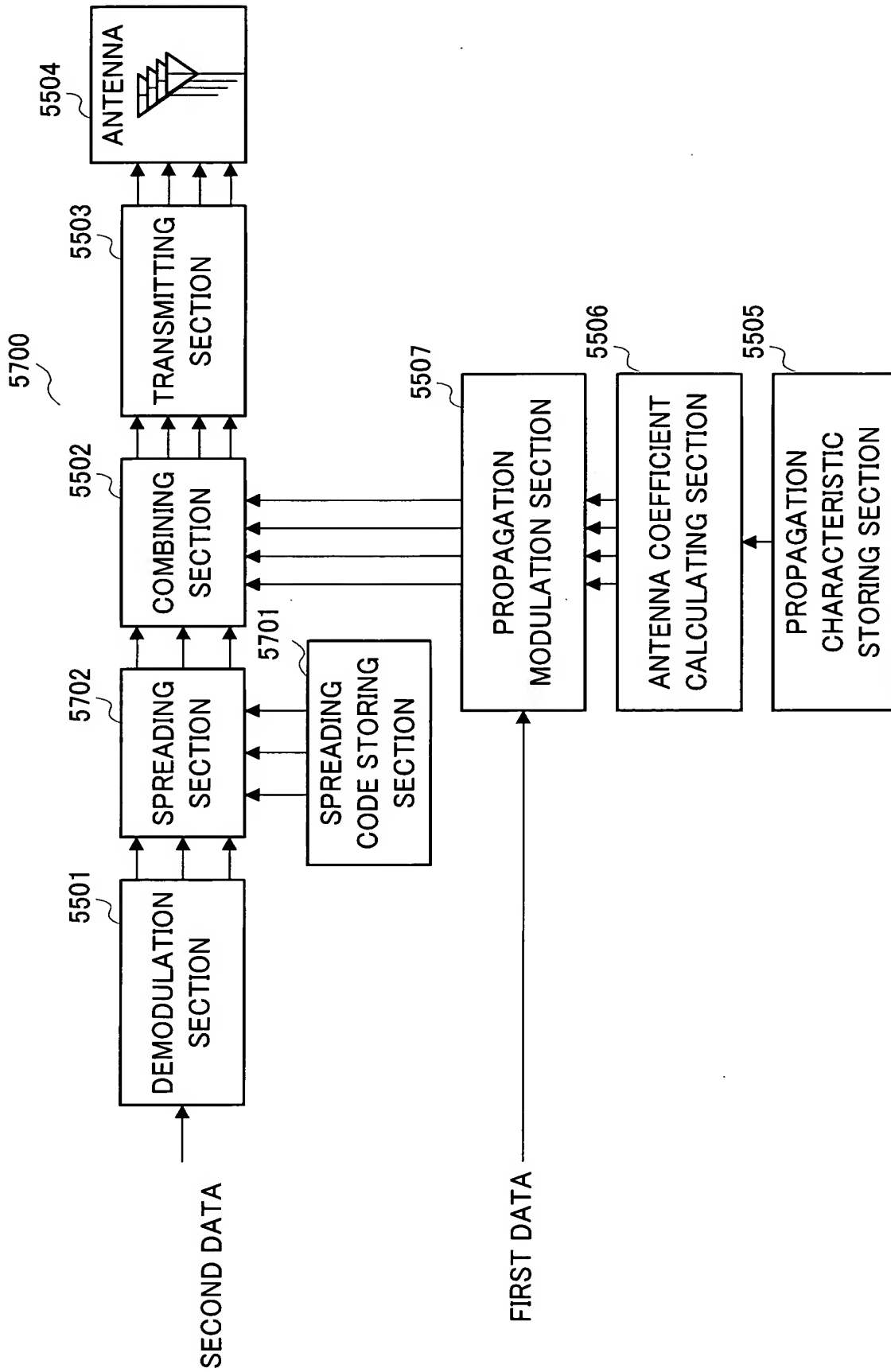


FIG.57

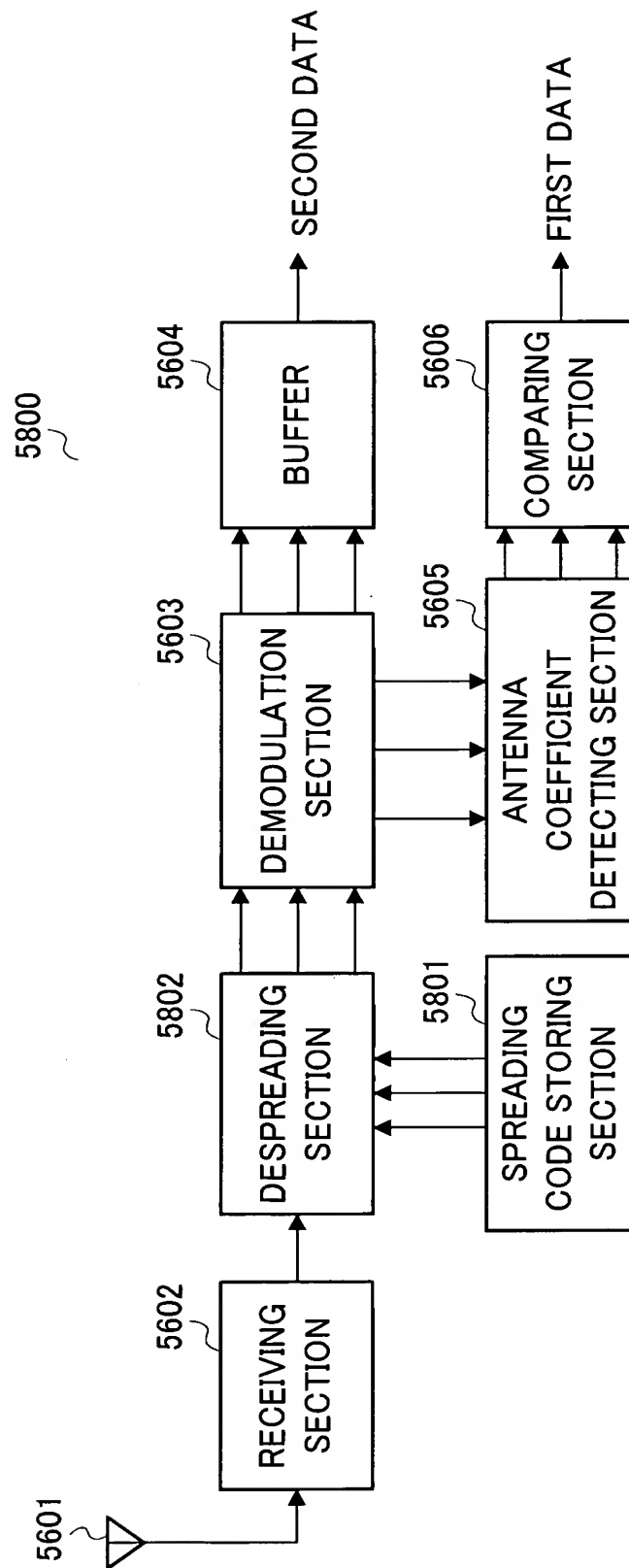


FIG.58

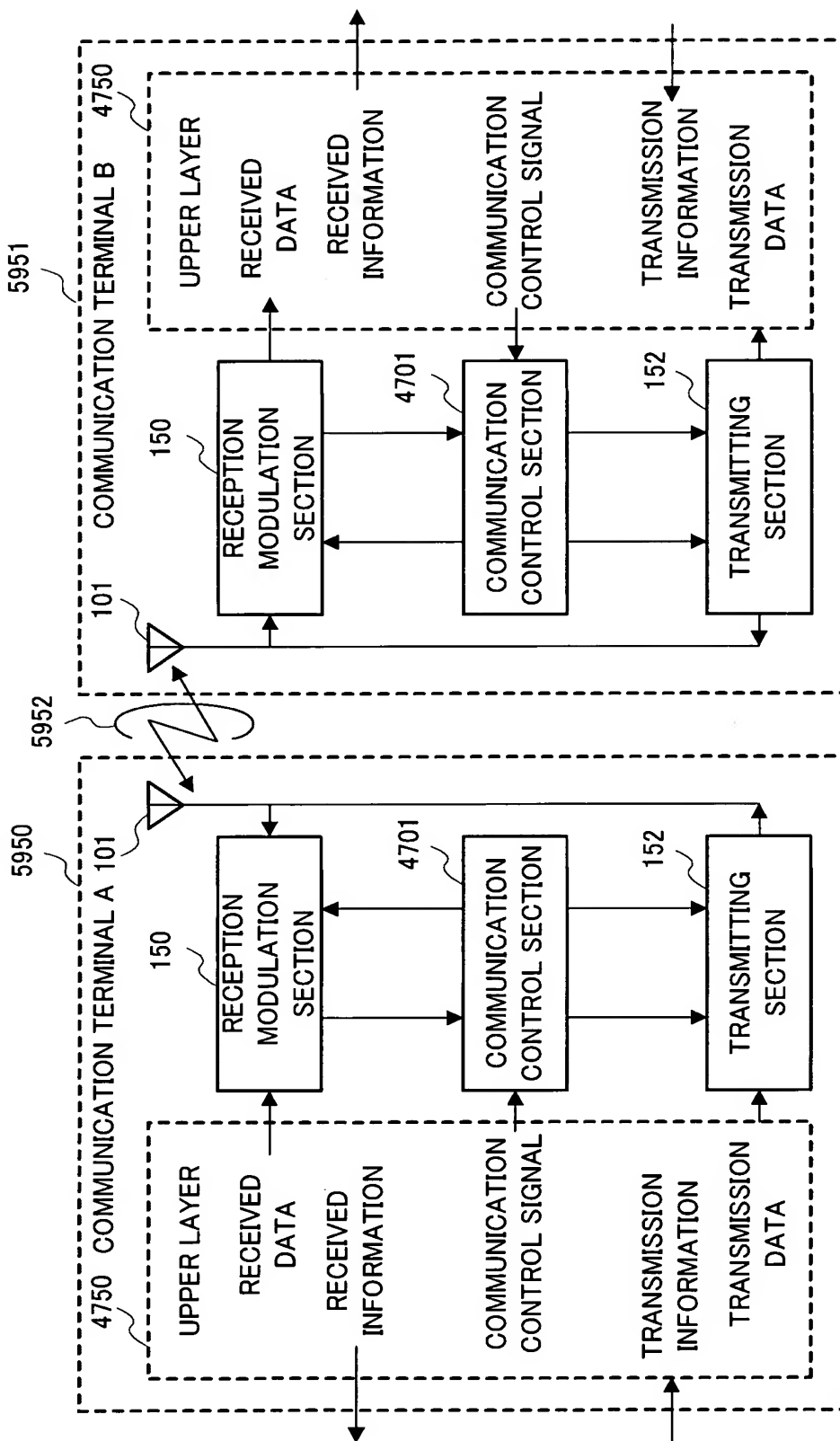


FIG.59

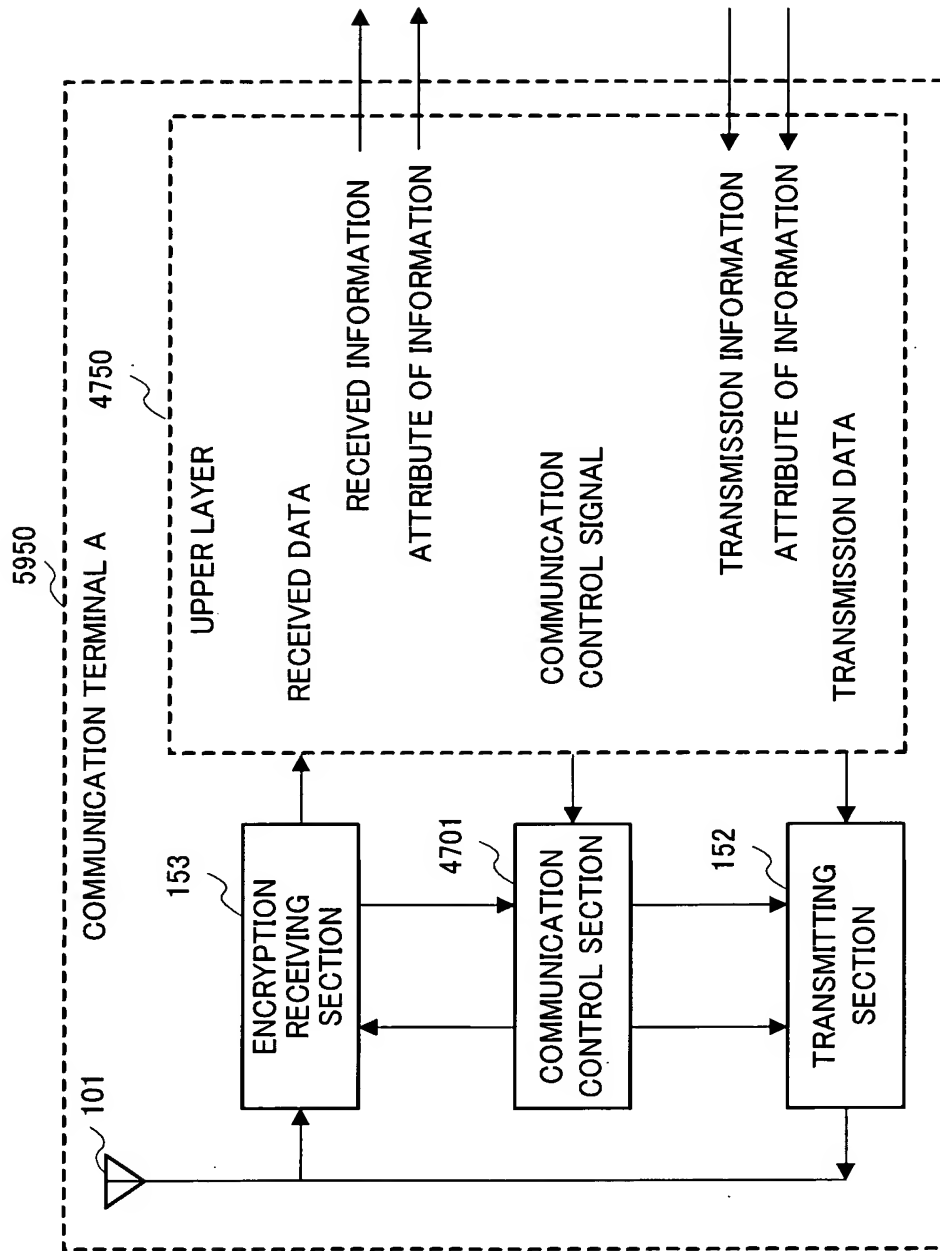


FIG.60

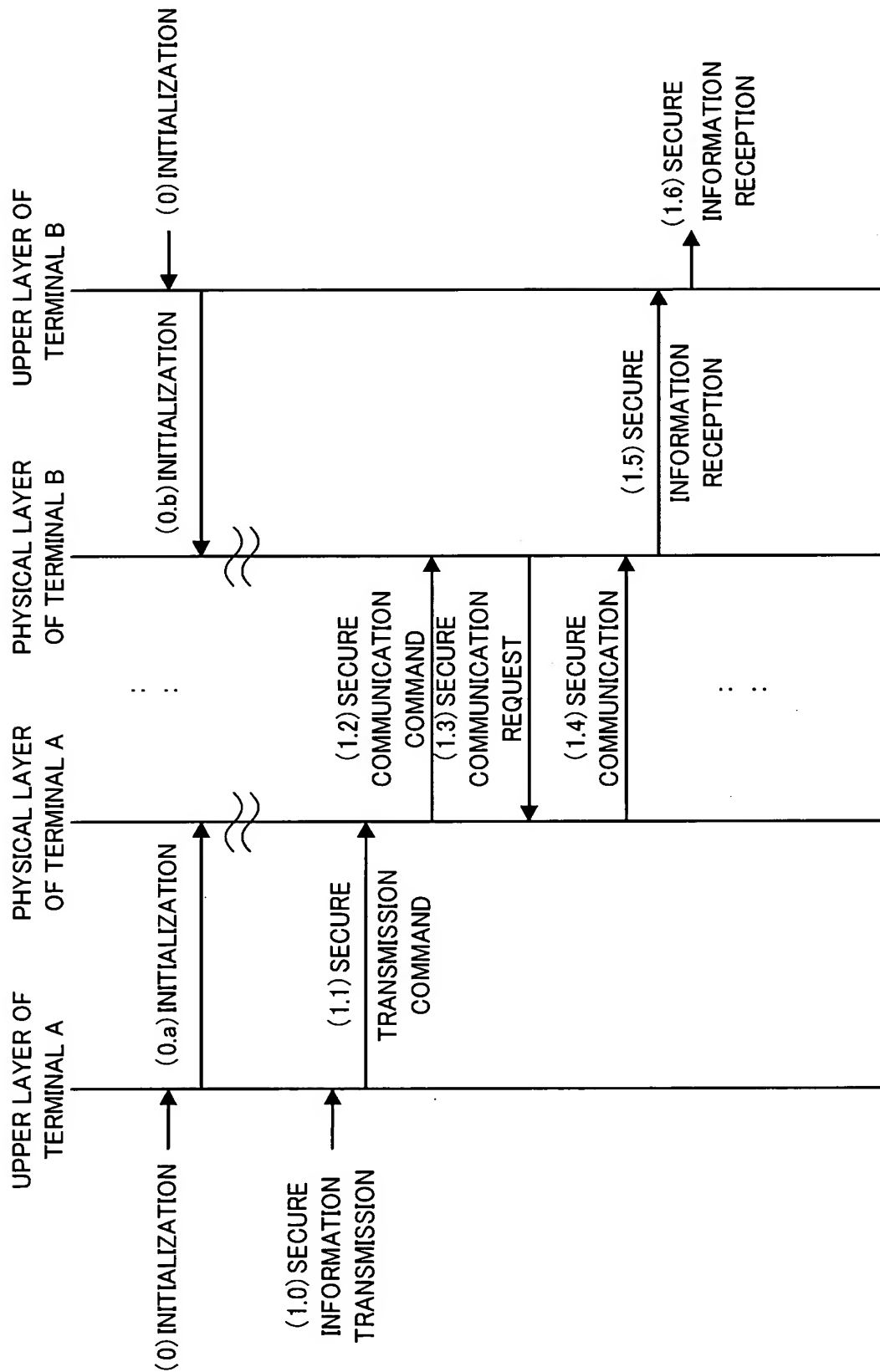


FIG.61

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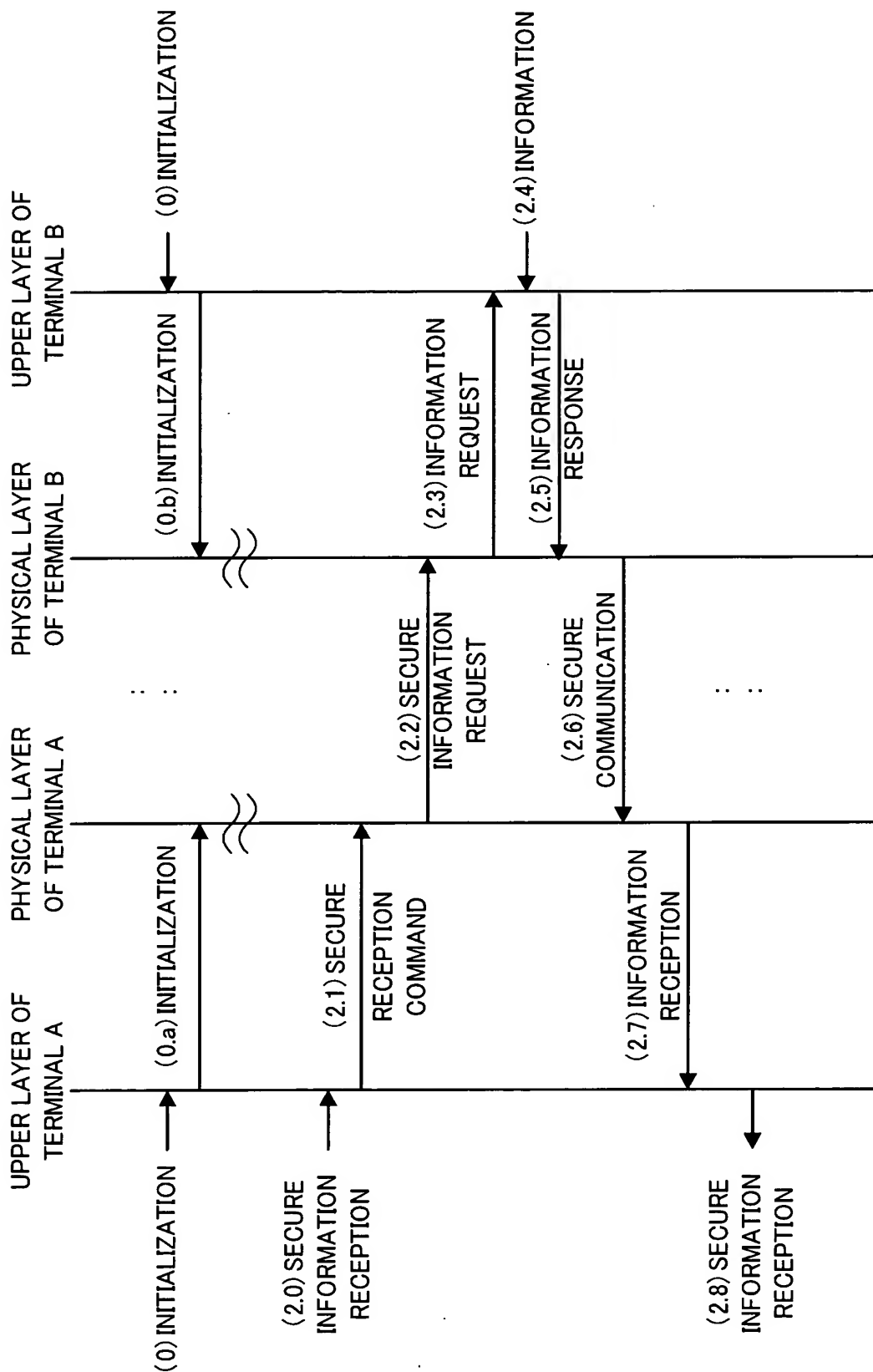


FIG.62

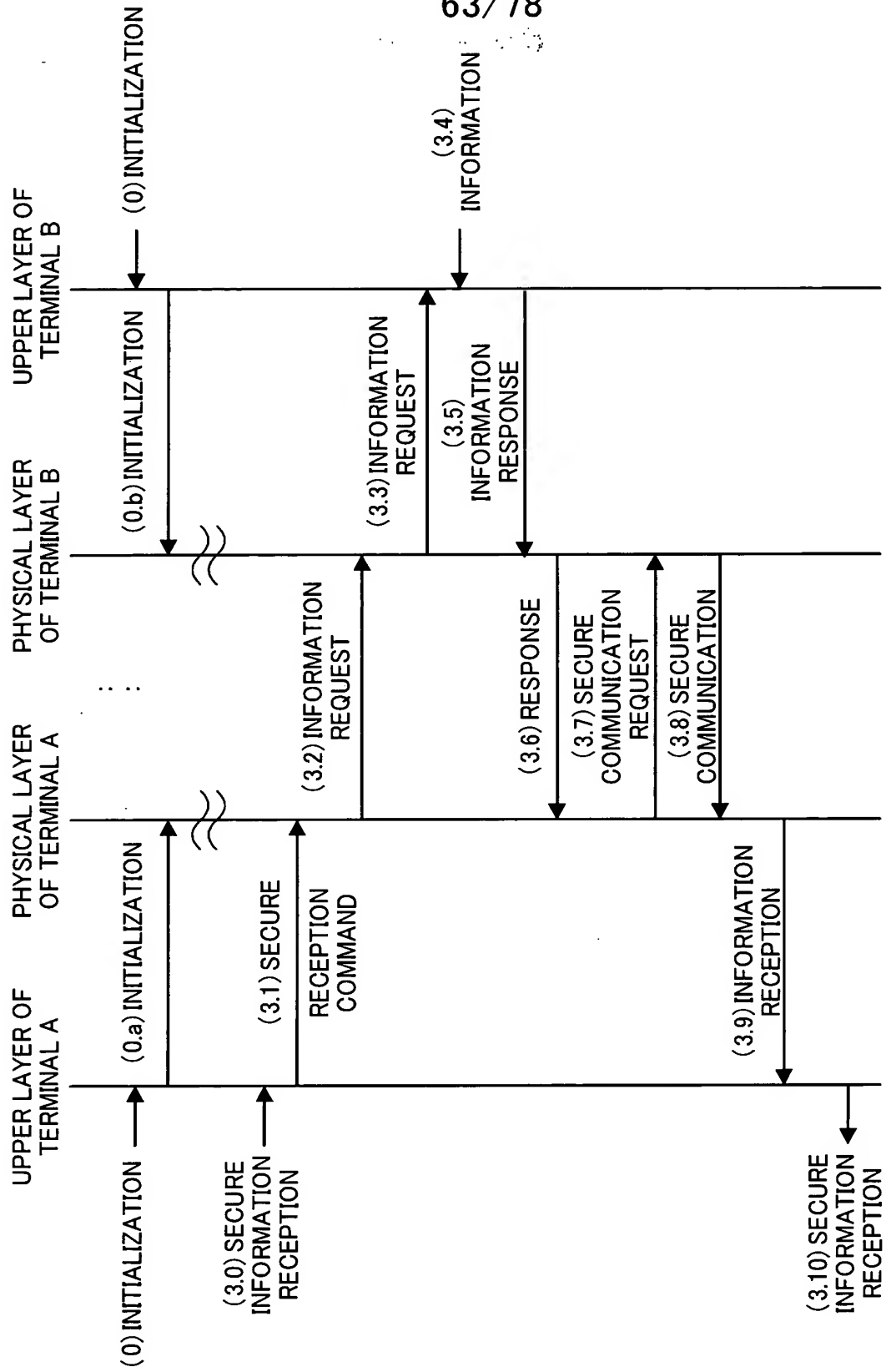


FIG.63

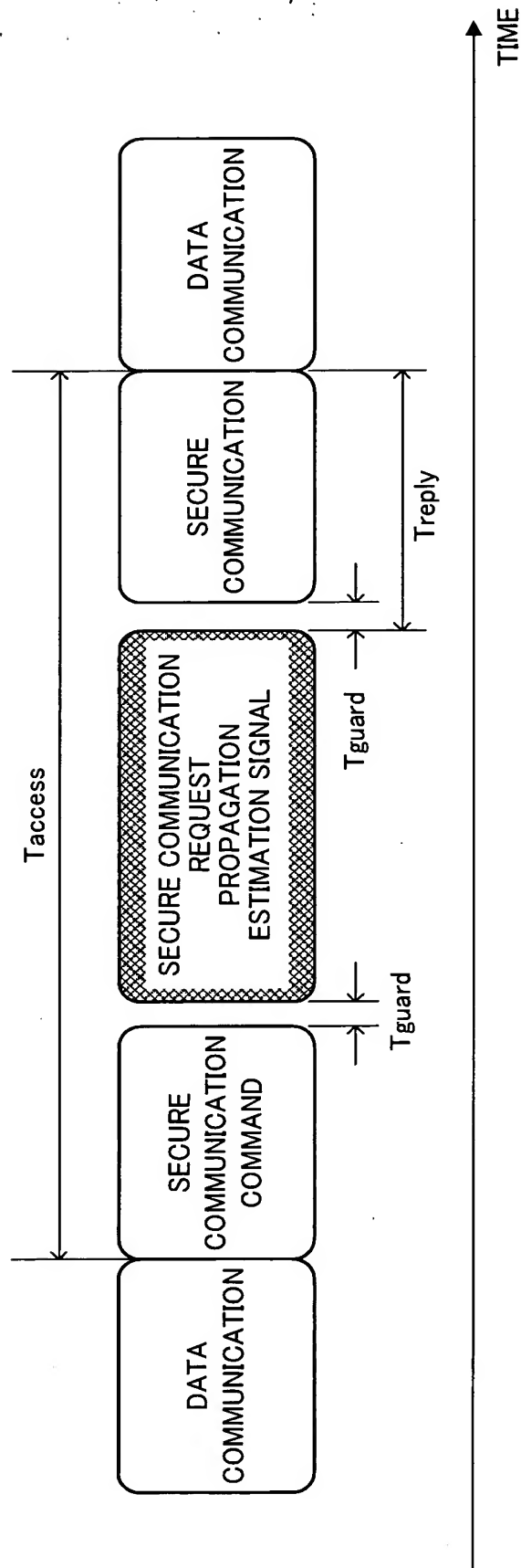


FIG.64



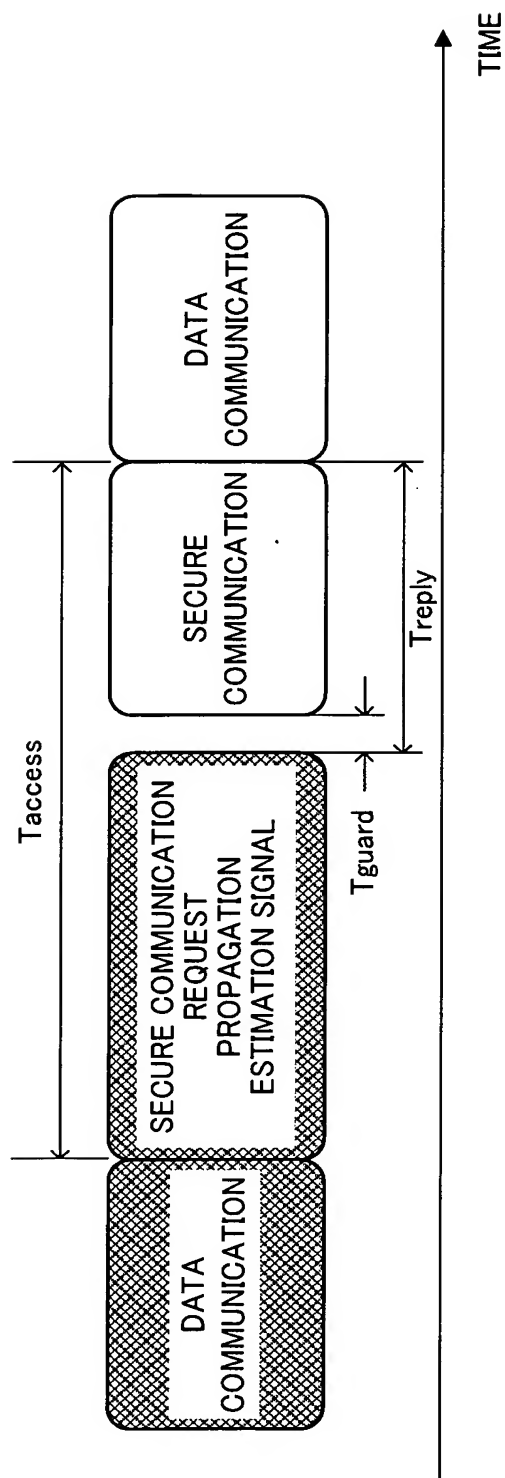


FIG.65

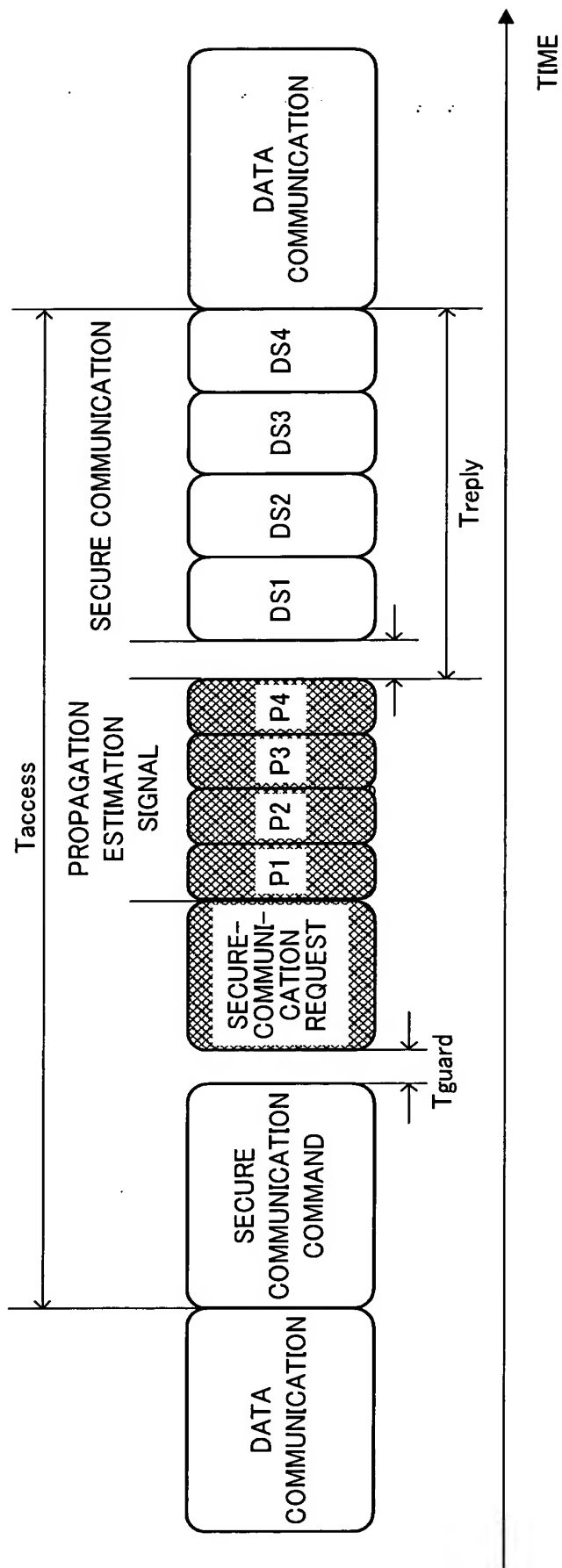


FIG.66

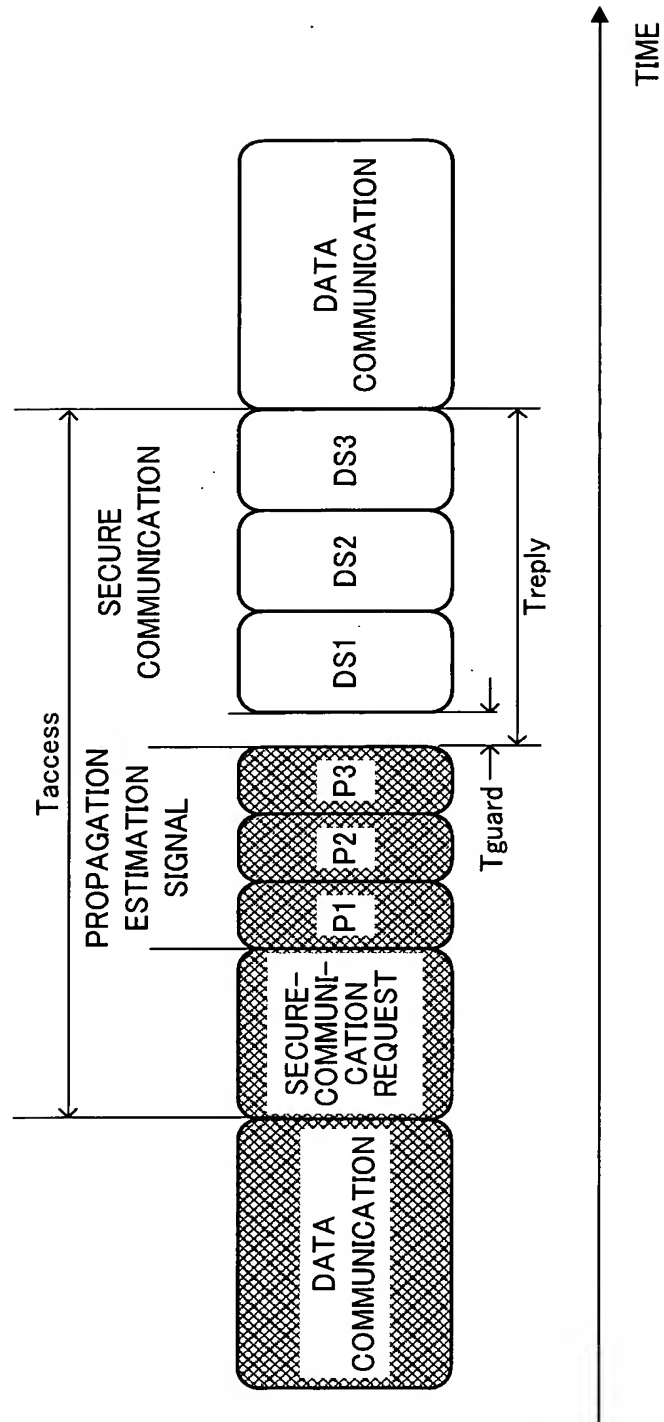


FIG.67

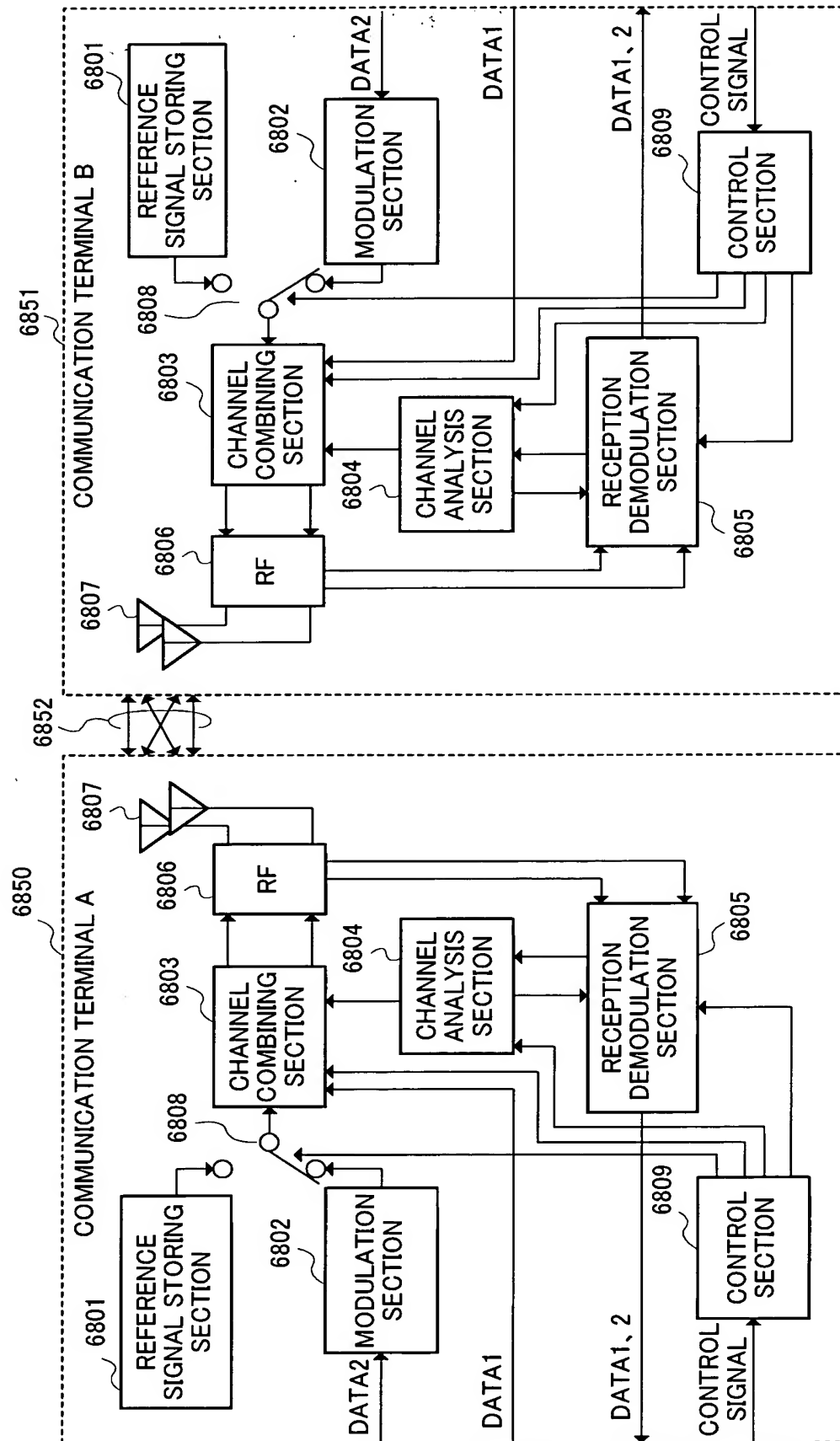
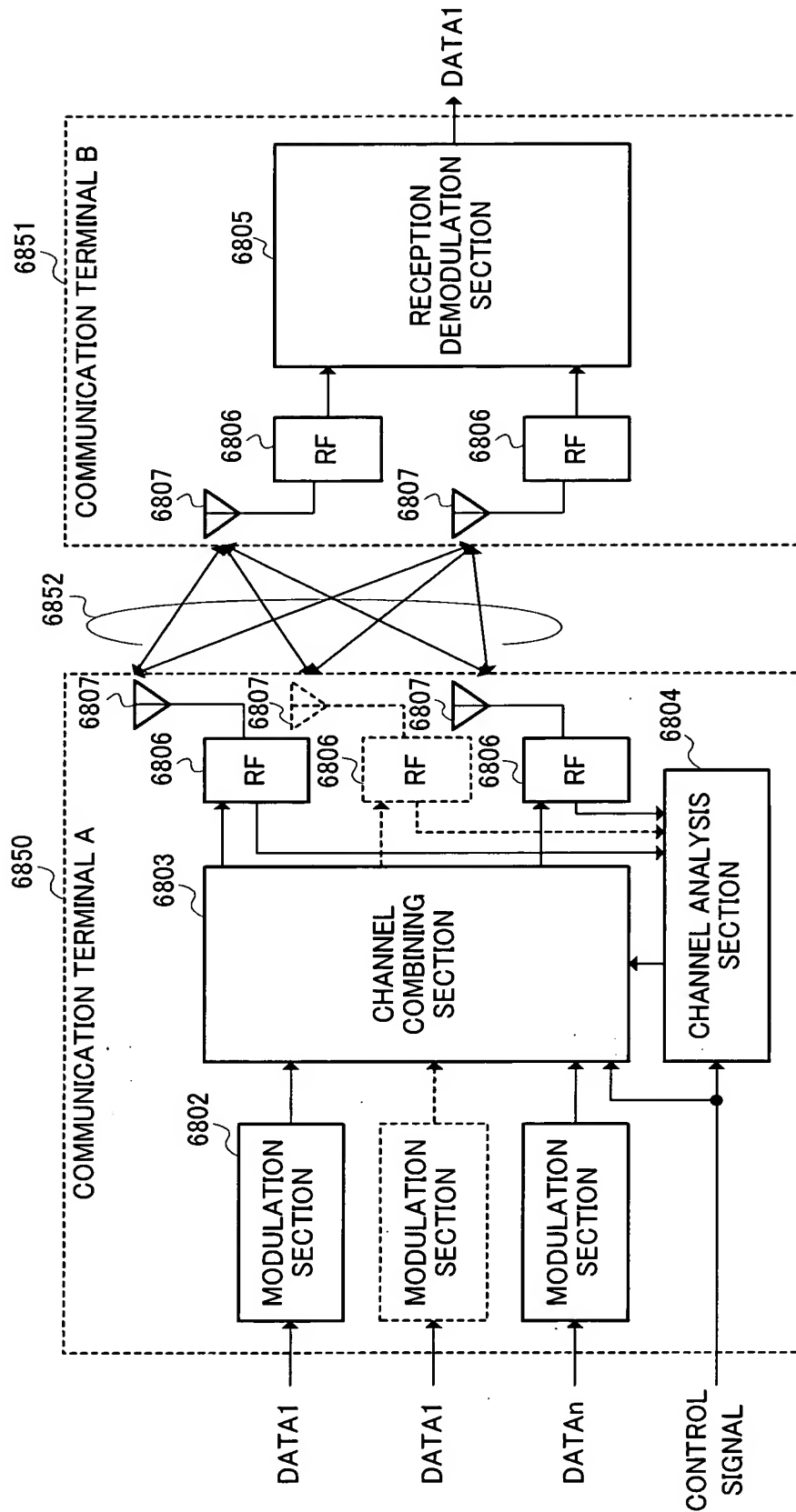


FIG.68



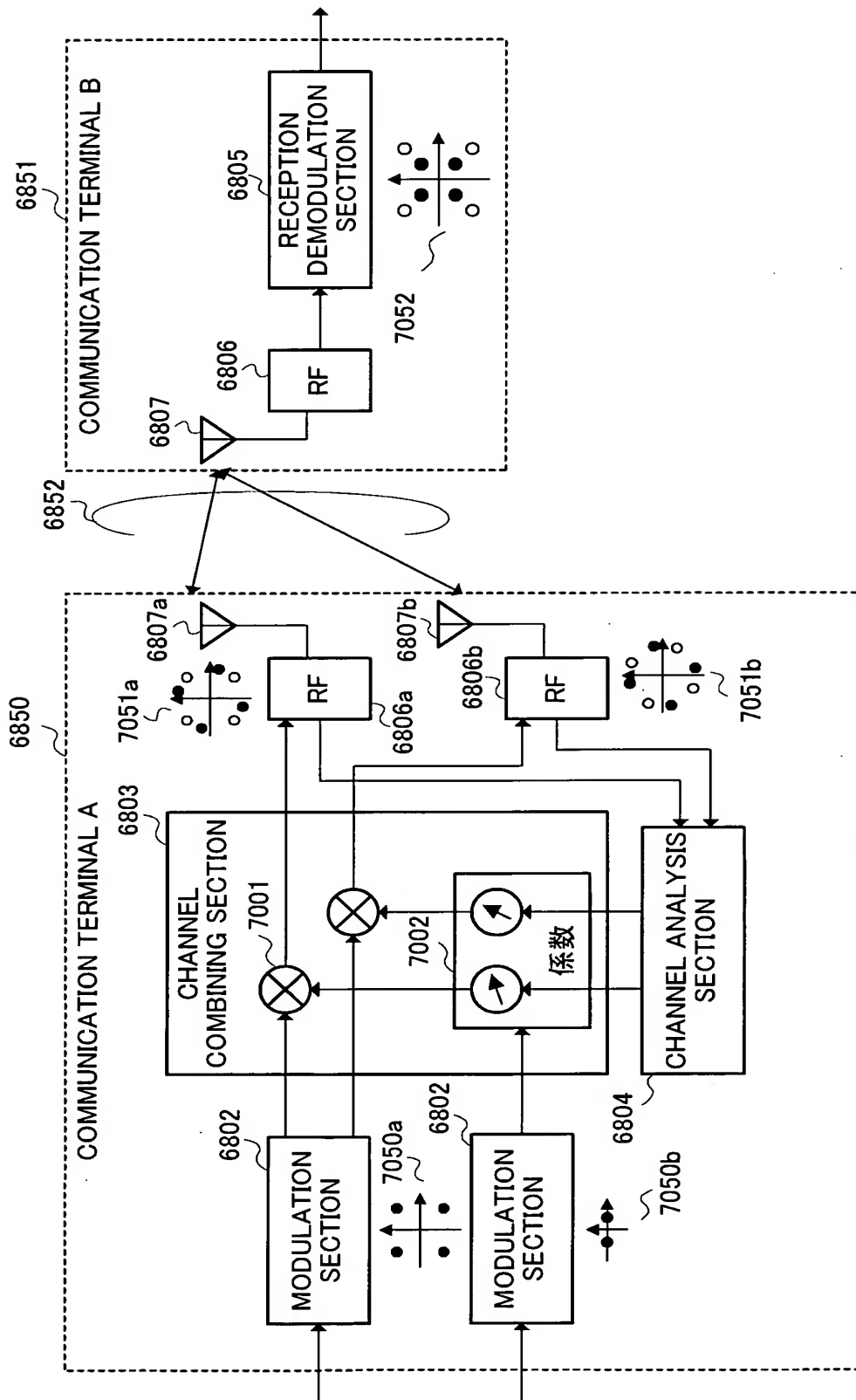


FIG.70

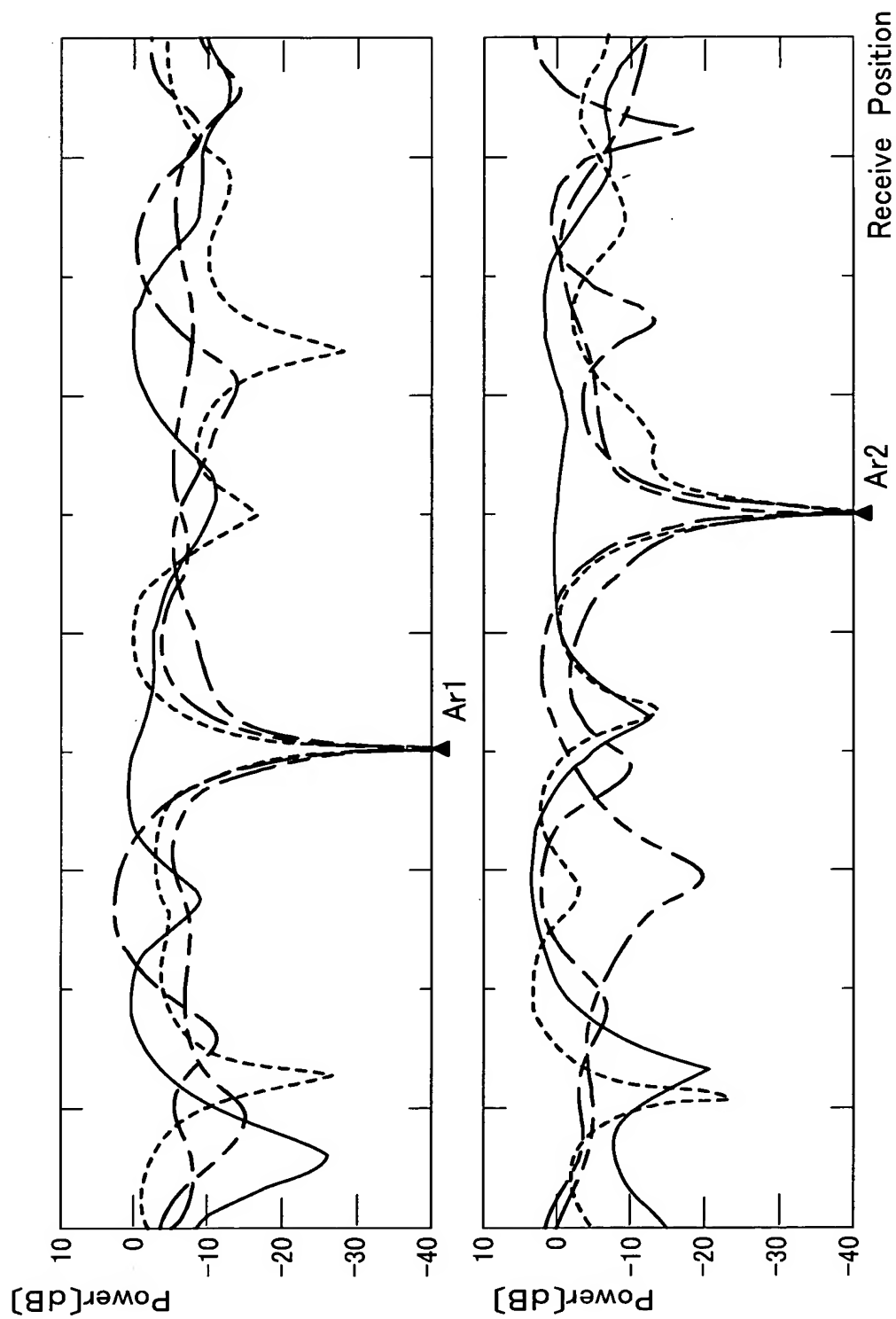


FIG.71

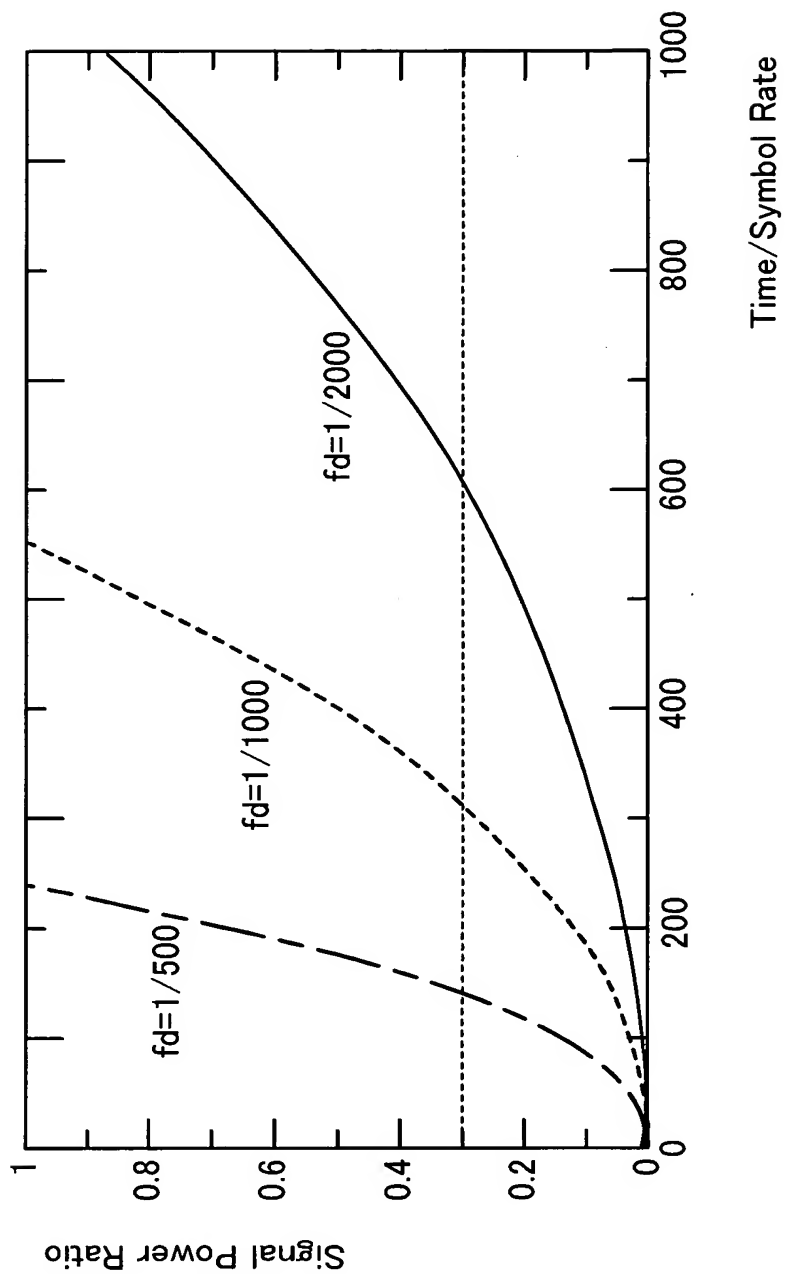


FIG.72



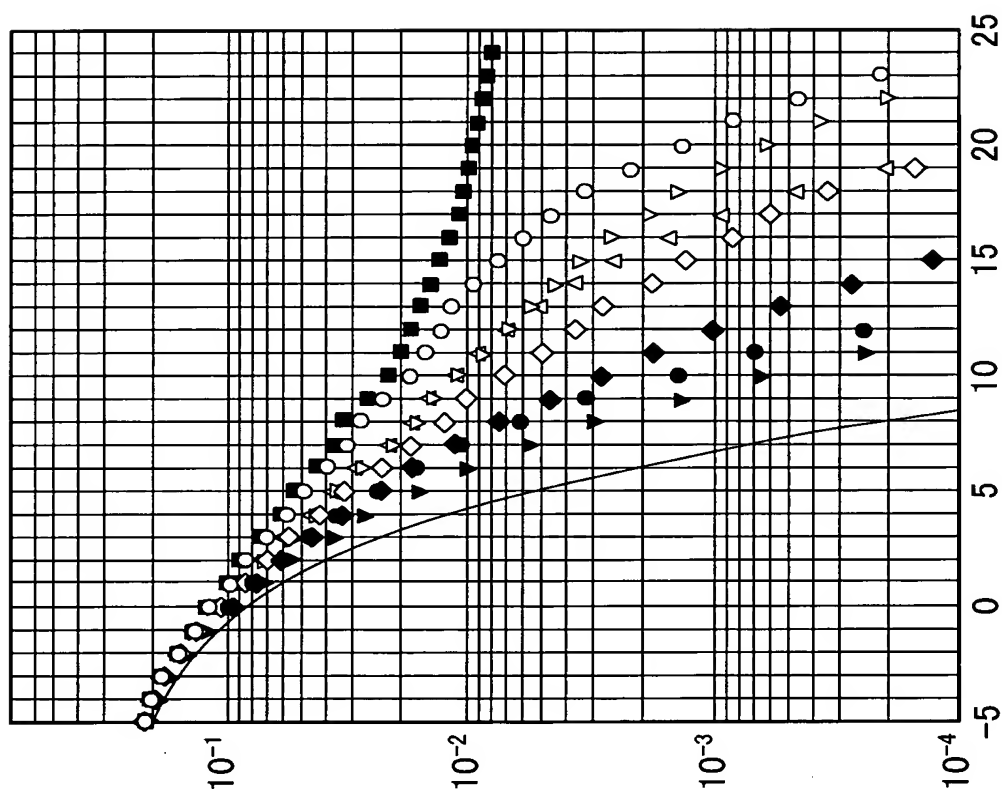


FIG.73

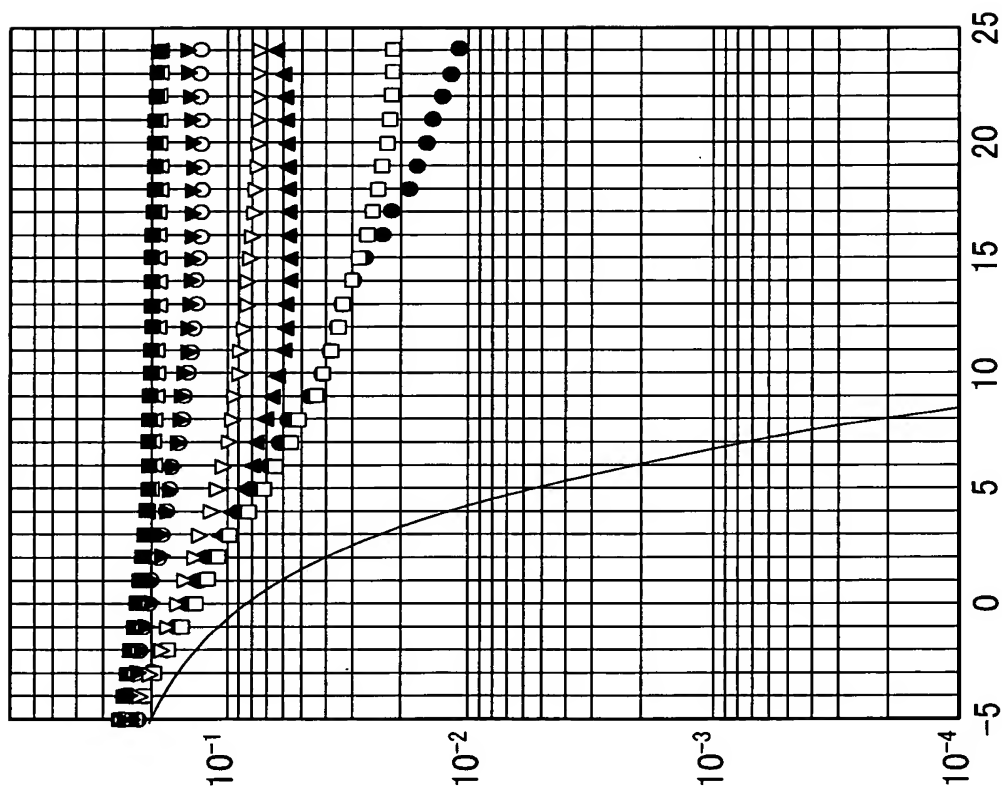


FIG.74

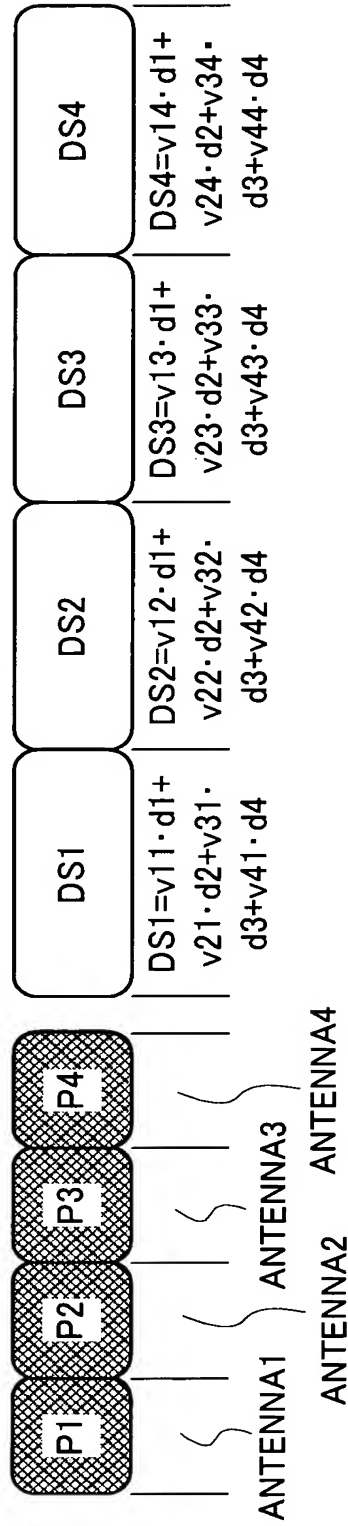


FIG.75

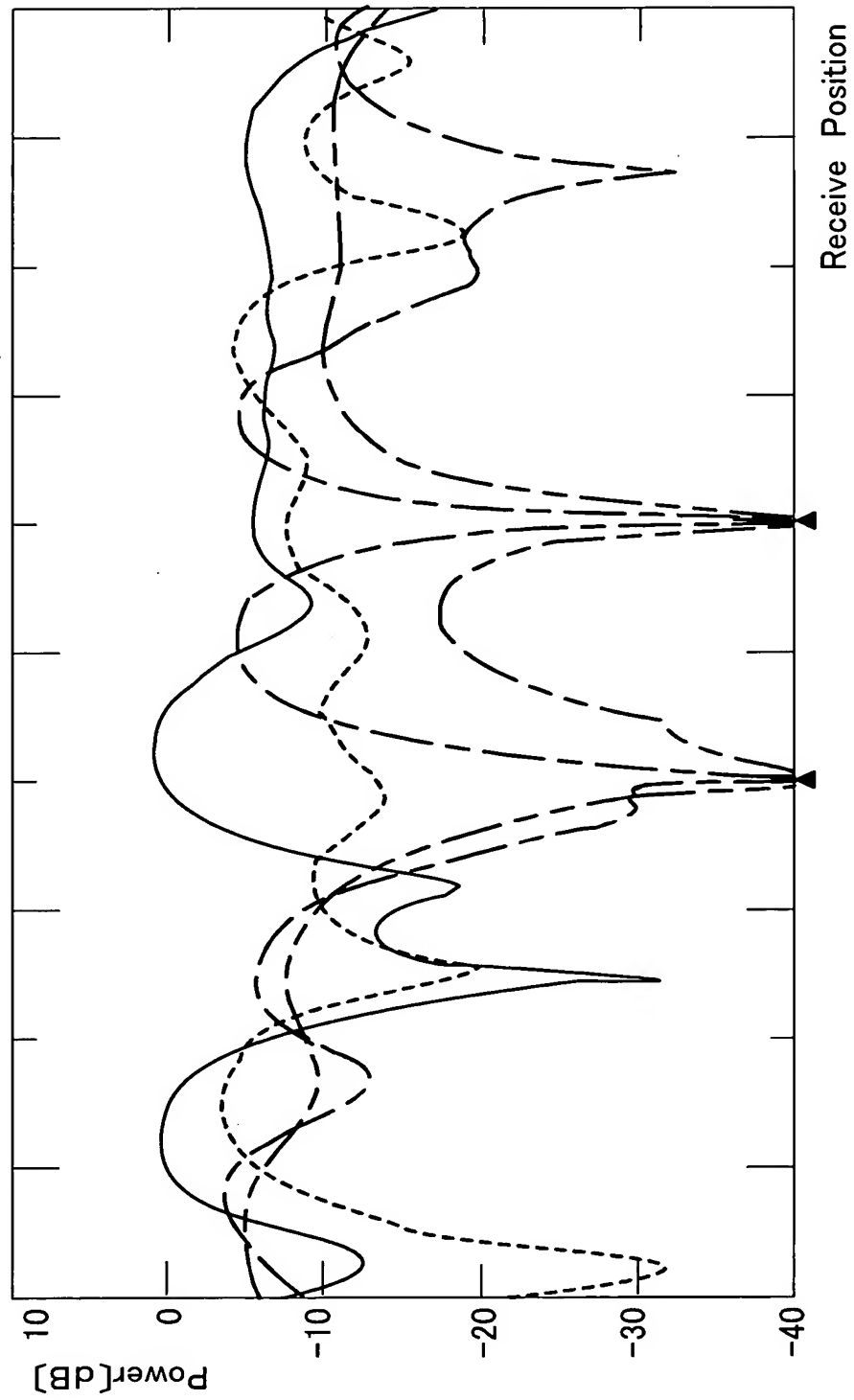


FIG.76

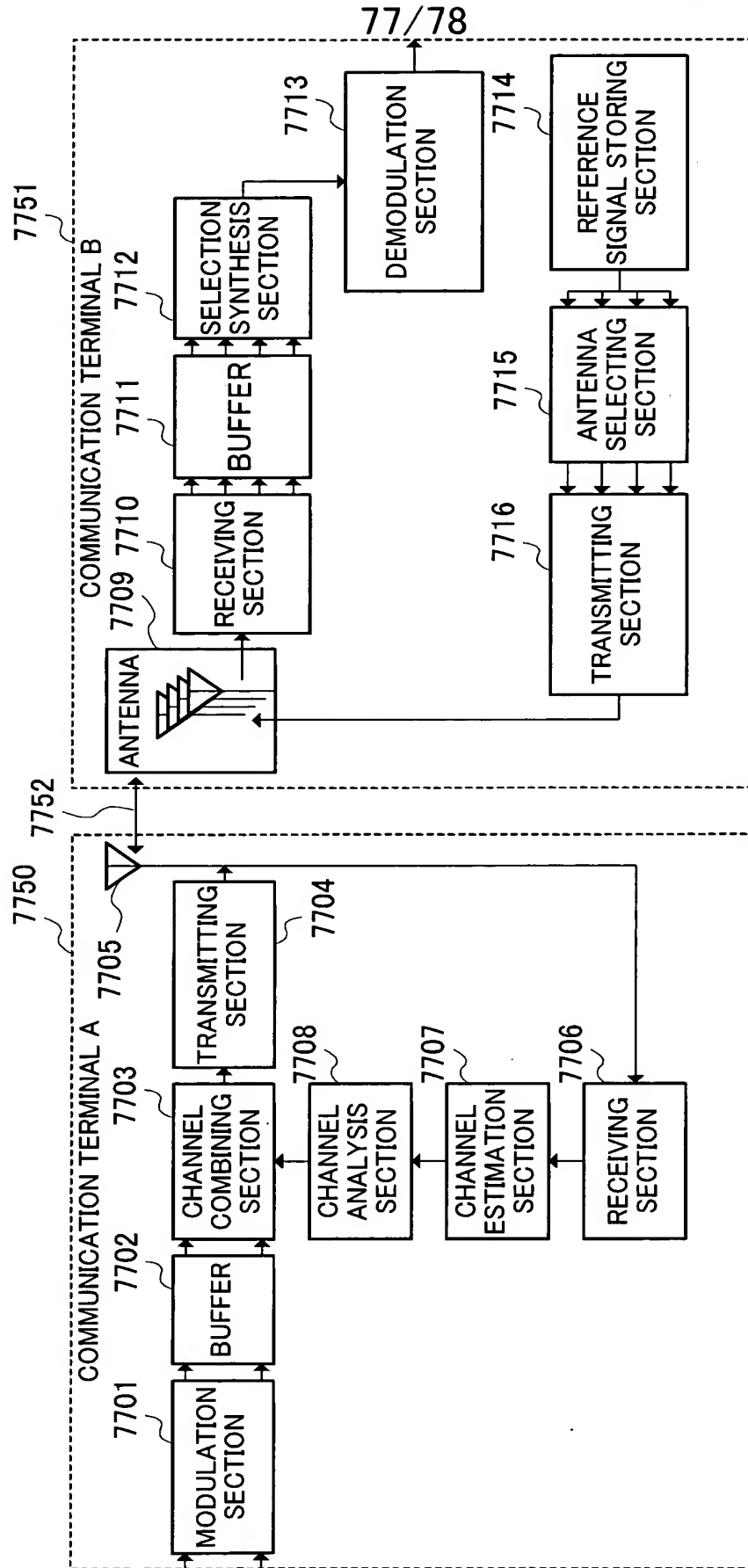


FIG.77

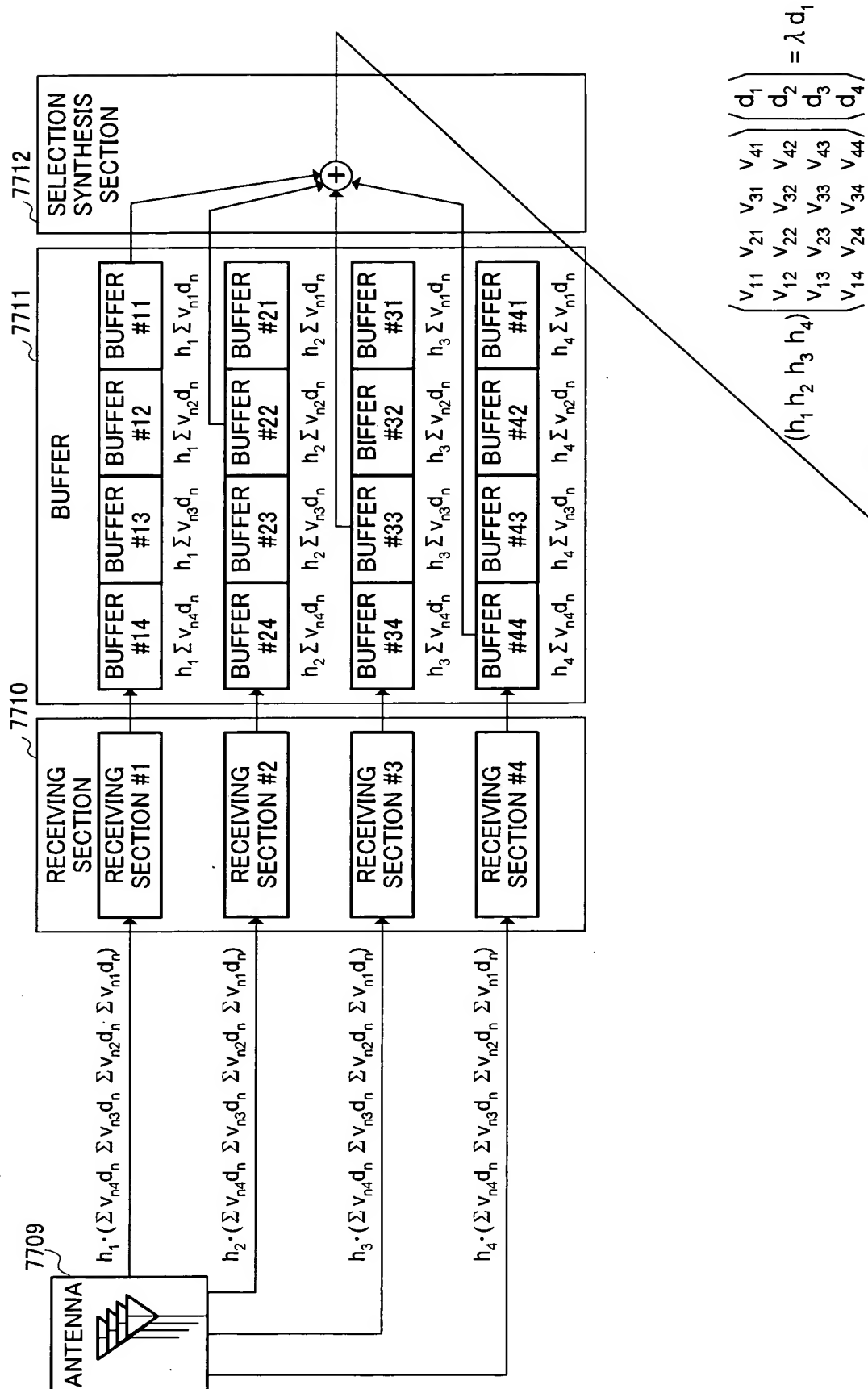


FIG. 78